

* * * * * Welcome to STN International * * * * *

| | | |
|---------------------|--------|---|
| <u>NEWS 1</u> | | Web Page URLs for STN Seminar Schedule - N. America |
| <u>NEWS 2</u> | | "Ask CAS" for self-help around the clock |
| <u>NEWS 3</u> | Jun 03 | New e-mail delivery for search results now available |
| <u>NEWS 4</u> | Aug 08 | PHARMAMarketLetter(PHARMAML) - new on STN |
| <u>NEWS 5</u> | Aug 19 | Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN |
| <u>NEWS 6</u> | Aug 26 | Sequence searching in REGISTRY enhanced |
| <u>NEWS 7</u> | Sep 03 | JAPIO has been reloaded and enhanced |
| <u>NEWS 8</u> | Sep 16 | Experimental properties added to the REGISTRY file |
| <u>NEWS 9</u> | Sep 16 | CA Section Thesaurus available in CAPLUS and CA |
| <u>NEWS 10</u> | Oct 01 | CASREACT Enriched with Reactions from 1907 to 1985 |
| <u>NEWS 11</u> | Oct 24 | BEILSTEIN adds new search fields |
| <u>NEWS 12</u> | Oct 24 | Nutraceuticals International (NUTRACEUT) now available on STN |
| <u>NEWS 13</u> | Nov 18 | DKILIT has been renamed APOLLIT |
| <u>NEWS 14</u> | Nov 25 | More calculated properties added to REGISTRY |
| <u>NEWS 15</u> | Dec 04 | CSA files on STN |
| <u>NEWS 16</u> | Dec 17 | PCTFULL now covers WP/PCT Applications from 1978 to date |
| <u>NEWS 17</u> | Dec 17 | TOXCENTER enhanced with additional content |
| <u>NEWS 18</u> | Dec 17 | Adis Clinical Trials Insight now available on STN |
| <u>NEWS 19</u> | Jan 29 | Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC |
| <u>NEWS 20</u> | Feb 13 | CANCERLIT is no longer being updated |
| <u>NEWS 21</u> | Feb 24 | METADEx enhancements |
| <u>NEWS 22</u> | Feb 24 | PCTGEN now available on STN |
| <u>NEWS 23</u> | Feb 24 | TEMA now available on STN |
| <u>NEWS 24</u> | Feb 26 | NTIS now allows simultaneous left and right truncation |
| <u>NEWS 25</u> | Feb 26 | PCTFULL now contains images |
| <u>NEWS 26</u> | Mar 04 | SDI PACKAGE for monthly delivery of multifile SDI results |
| <u>NEWS 27</u> | Mar 20 | EVENTLINE will be removed from STN |
| <u>NEWS 28</u> | Mar 24 | PATDPAFULL now available on STN |
| <u>NEWS 29</u> | Mar 24 | Additional information for trade-named substances without structures available in REGISTRY |
| <u>NEWS 30</u> | Apr 11 | Display formats in DGENE enhanced |
| <u>NEWS 31</u> | Apr 14 | MEDLINE Reload |
| <u>NEWS 32</u> | Apr 17 | Polymer searching in REGISTRY enhanced |
| <u>NEWS 33</u> | Jun 13 | Indexing from 1947 to 1956 added to records in CA/CAPLUS |
| <u>NEWS 34</u> | Apr 21 | New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX |
| <u>NEWS 35</u> | Apr 28 | RDISCLOSURE now available on STN |
| <u>NEWS 36</u> | May 05 | Pharmacokinetic information and systematic chemical names added to PHAR |
| <u>NEWS 37</u> | May 15 | MEDLINE file segment of TOXCENTER reloaded |
| <u>NEWS 38</u> | May 15 | Supporter information for ENCOMPPAT and ENCOMPLIT updated |
| <u>NEWS 39</u> | May 16 | CHEMREACT will be removed from STN |
| <u>NEWS 40</u> | May 19 | Simultaneous left and right truncation added to WSCA |
| <u>NEWS 41</u> | May 19 | RAPRA enhanced with new search field, simultaneous left and right truncation |
| <u>NEWS 42</u> | Jun 06 | Simultaneous left and right truncation added to CBNB |
| <u>NEWS 43</u> | Jun 06 | PASCAL enhanced with additional data |
| <u>NEWS EXPRESS</u> | | April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003 |
| <u>NEWS HOURS</u> | | STN Operating Hours Plus Help Desk Availability |
| <u>NEWS INTER</u> | | General Internet Information |
| <u>NEWS LOGIN</u> | | Welcome Banner and News Items |

NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:31:38 ON 16 JUN 2003

| | | |
|----------------------|------------|---------|
| => file reg | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 08:31:45 ON 16 JUN 2003

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUN 2003 HIGHEST RN 530739-23-2

DICTIONARY FILE UPDATES: 13 JUN 2003 HIGHEST RN 530739-23-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR

0 25 S 26

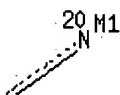
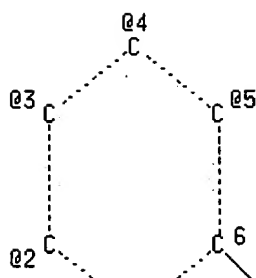
H 24

0 22 S 23

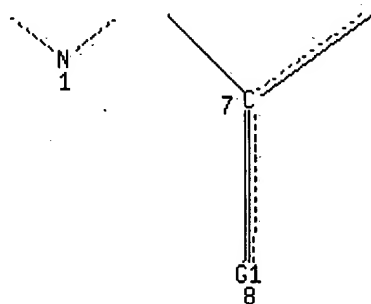
Page 1-A

G3 021

G2 019



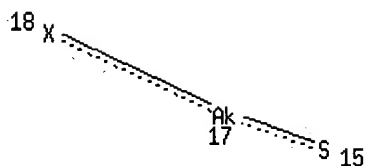
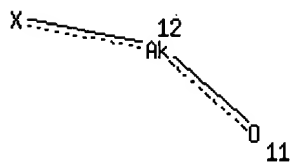
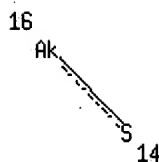
Page 1-B



Page 2-B

13

Page 3-A



Page 3-B

VAR G1=22/23

VAR G2=24/9/11/14/15

VAR G3=25/26

VPA 19-2/3/4/5 S

VPA 21-4/5 S

NODE ATTRIBUTES:

| | | | |
|--------|-------|----|----|
| HCOUNT | IS M1 | AT | 20 |
| NSPEC | IS R | AT | 1 |
| NSPEC | IS R | AT | 2 |
| NSPEC | IS R | AT | 3 |
| NSPEC | IS R | AT | 4 |
| NSPEC | IS R | AT | 5 |
| NSPEC | IS R | AT | 6 |

NSPEC IS C AT 7
 NSPEC IS C AT 8
 NSPEC IS C AT 9
 NSPEC IS C AT 10
 NSPEC IS C AT 11
 NSPEC IS C AT 12
 NSPEC IS C AT 13
 NSPEC IS C AT 14
 NSPEC IS C AT 15
 NSPEC IS C AT 16
 NSPEC IS C AT 17
 NSPEC IS C AT 18
 NSPEC IS C AT 19
 NSPEC IS C AT 20
 NSPEC IS C AT 21
 DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 7 9 10 11 12 13 14 15 16 17 18 20 22 23 24 25 26
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC I
 NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

=> s l1
 SAMPLE SEARCH INITIATED 08:36:19 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 2079 TO ITERATE

48.1% PROCESSED 1000 ITERATIONS 50 ANSWERS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 38846 TO 44314
 PROJECTED ANSWERS: 2516 TO 4052

L2 50 SEA SSS SAM L1

=>
 L3 STRUCTURE UPLOADED

=> d l3
 L3 HAS NO ANSWERS
 L3 STR

26
 Cb
 ||
 ||
 C
 25

Page 1-A

H 34 C4 35

O 32 S 33

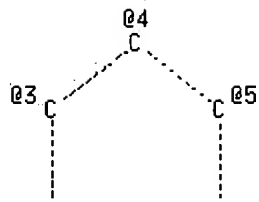
H 31

O 29 S 30

Page 1-D

G3 021

G2 019



Page 1-E

24

Cb

Ak

23

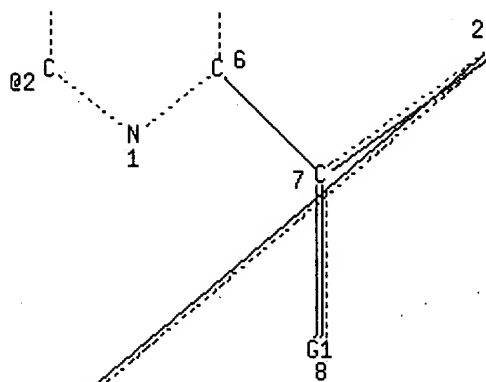
Page 1-F

27

G4

Page 2-B

Page 2-C



Page 2-E



Ak 22

Page 2-F

Page 3-C

Page 3-D

Page 3-E

4
Page 3-F

Page 4-D

Page 4-E

5
Page 4-F

VAR G1=29/30
VAR G2=31/9/11/14/15
VAR G3=32/33
VAR G4=34/35/23/25

REP G20=(0-1) 22-20 22-27

VPA 19-2/3/4/5 S

VPA 21-4/5 S

NODE ATTRIBUTES:

| | | | |
|--------|-------|----|----|
| HCOUNT | IS M1 | AT | 20 |
| NSPEC | IS R | AT | 1 |
| NSPEC | IS R | AT | 2 |
| NSPEC | IS R | AT | 3 |
| NSPEC | IS R | AT | 4 |
| NSPEC | IS R | AT | 5 |
| NSPEC | IS R | AT | 6 |
| NSPEC | IS C | AT | 7 |
| NSPEC | IS C | AT | 8 |
| NSPEC | IS C | AT | 9 |
| NSPEC | IS C | AT | 10 |
| NSPEC | IS C | AT | 11 |
| NSPEC | IS C | AT | 12 |
| NSPEC | IS C | AT | 13 |
| NSPEC | IS C | AT | 14 |
| NSPEC | IS C | AT | 15 |
| NSPEC | IS C | AT | 16 |
| NSPEC | IS C | AT | 17 |
| NSPEC | IS C | AT | 18 |
| NSPEC | IS C | AT | 19 |
| NSPEC | IS C | AT | 20 |
| NSPEC | IS C | AT | 21 |
| NSPEC | IS C | AT | 22 |
| NSPEC | IS C | AT | 23 |
| NSPEC | IS C | AT | 24 |
| NSPEC | IS C | AT | 25 |
| NSPEC | IS C | AT | 26 |
| NSPEC | IS C | AT | 27 |
| NSPEC | IS C | AT | 28 |

DEFAULT MLEVEL IS ATOM

| | | | | | | | | | | | | | | | | | | | |
|--------|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| MLEVEL | IS CLASS | AT | 7 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 20 | 22 | 23 | 25 | 29 | 30 |
| | | | 31 | 32 | 33 | 34 | 35 | | | | | | | | | | | | |

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 35

STEREO ATTRIBUTES: NONE

=> s 13

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=>

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 08:45:28 ON 16 JUN 2003

FILE 'REGISTRY' ENTERED AT 08:45:28 ON 16 JUN 2003

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

9.20

9.41

=> d his

(FILE 'HOME' ENTERED AT 08:31:38 ON 16 JUN 2003)

FILE 'REGISTRY' ENTERED AT 08:31:45 ON 16 JUN 2003

L1 STRUCTURE UPLOADED
L2 50 S L1
L3 STRUCTURE UPLOADED

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 147.75 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 08:46:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 41869 TO ITERATE

100.0% PROCESSED 41869 ITERATIONS 3167 ANSWERS
SEARCH TIME: 00.00.01

L4 3167 SEA SSS FUL L1

=> file hcaplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 157.35 | 157.56 |

FILE 'HCAPLUS' ENTERED AT 08:46:09 ON 16 JUN 2003

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FILE COVERS 1907 - 16 Jun 2003 VOL 138 ISS 25

FILE LAST UPDATED: 15 Jun 2003 (20030615/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14

L5 1379 L4

=>

L6 STRUCTURE UPLOADED

=> d 16

L6 HAS NO ANSWERS

L6 STR

=> s 16

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 08:51:13 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 2242 TO ITERATE

44.6% PROCESSED 1000 ITERATIONS 50 ANSWERS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 42001 TO 47679
 PROJECTED ANSWERS: 2269 TO 3739

L7 50 SEA SSS SAM L6

L8 27 L7

=> file reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 2.25 | 178.25 |

FILE 'REGISTRY' ENTERED AT 08:51:22 ON 16 JUN 2003
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STRUCTURE FILE UPDATES: 13 JUN 2003 HIGHEST RN 530739-23-2
 DICTIONARY FILE UPDATES: 13 JUN 2003 HIGHEST RN 530739-23-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d his

(FILE 'HOME' ENTERED AT 08:31:38 ON 16 JUN 2003)

FILE 'REGISTRY' ENTERED AT 08:31:45 ON 16 JUN 2003

L1 STRUCTURE UPLOADED

L2 50 S L1
 L3 STRUCTURE UPLOADED
 L4 3167 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 08:46:09 ON 16 JUN 2003

L5 1379 S L4
 L6 STRUCTURE UPLOADED
 S L6

FILE 'REGISTRY' ENTERED AT 08:51:13 ON 16 JUN 2003

L7 50 S L6

FILE 'HCAPLUS' ENTERED AT 08:51:14 ON 16 JUN 2003

L8 27 S L7

FILE 'REGISTRY' ENTERED AT 08:51:22 ON 16 JUN 2003

=>

L9 STRUCTURE UPLOADED

=> d 19

L9 HAS NO ANSWERS

L9 STR

=> s 19

SAMPLE SEARCH INITIATED 08:51:43 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 2242 TO ITERATE

44.6% PROCESSED 1000 ITERATIONS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 42001 TO 47679
 PROJECTED ANSWERS: 2269 TO 3739

L10 50 SEA SSS SAM L9

=> s 19 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 147.75 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
 FULL SEARCH INITIATED 08:51:50 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 44963 TO ITERATE

100.0% PROCESSED 44963 ITERATIONS
 SEARCH TIME: 00.00.01

2695 ANSWERS

L11 2695 SEA SSS FUL L9

=>

L12 STRUCTURE UPLOADED

=> d 112

L12 HAS NO ANSWERS

L12 STR

=> s 112

GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=>

L13 STRUCTURE UPLOADED

=>

L14 STRUCTURE UPLOADED

=> d 114

L14 HAS NO ANSWERS

L14 STR

=> d 114

L14 HAS NO ANSWERS

L14 STR

=> s 114

SAMPLE SEARCH INITIATED 08:58:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2242 TO ITERATE

44.6% PROCESSED 1000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 42001 TO 47679

PROJECTED ANSWERS: 2269 TO 3739

L15 50 SEA SSS SAM L14

=> s 115 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 147.75 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 08:58:26 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 44963 TO ITERATE

100.0% PROCESSED 44963 ITERATIONS

2695 ANSWERS

SEARCH TIME: 00.00.01

L16 2695 SEA SSS FUL L14

=> s 116 and pd < december 1998

NUMERIC VALUE NOT VALID 'DECEMBER 1998'

Numeric values may contain 1-8 significant figures. If range notation is used, both the beginning and the end of the range must be specified, e.g., '250-300/MW'. Expressions such as '250-/MW' are not allowed. To search for values above or below a given number, use the >, >=, <, or <= operators, e.g., 'MW >= 250'. Text terms cannot be used in numeric expressions. If you specify a unit, it must be dimensionally correct for that field code. To see the unit designations for field codes in the current file, enter "DISPLAY UNIT ALL" at an arrow prompt (=>).

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

300.30

478.55

FILE 'HCAPLUS' ENTERED AT 08:58:49 ON 16 JUN 2003
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FILE COVERS 1907 - 16 Jun 2003 VOL 138 ISS 25
 FILE LAST UPDATED: 15 Jun 2003 (20030615/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l16

L17 1293 L16

=> s l17 and pd. < december 1998

18904542 PD < DECEMBER 1998

(PD<19981200)

L18 832 L17 AND PD < DECEMBER 1998

=> s l18 and keiichi, c?/au

0 KEIICHI, C?/AU

L19 0 L18 AND KEIICHI, C?/AU

=> s l18 and imamura, K?/au

1202 IMAMURA, K?/AU

L20 0 L18 AND IMAMURA, K?/AU

=> s l18 and mitomo, K?/au

41 MITOMO, K?/AU

L21 0 L18 AND MITOMO, K?/AU

=> file uspatfull

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

9.02

487.57

FILE 'USPATFULL' ENTERED AT 09:01:13 ON 16 JUN 2003
 CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 12 Jun 2003 (20030612/PD)

FILE LAST UPDATED: 12 Jun 2003 (20030612/ED)

HIGHEST GRANTED PATENT NUMBER: US6578203

HIGHEST APPLICATION PUBLICATION NUMBER: US2003110547

CA INDEXING IS CURRENT THROUGH 12 Jun 2003 (20030612/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 12 Jun 2003 (20030612/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2003

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2003

```

>>> USPAT2 is now available.  USPATFULL contains full text of the  <<<
>>> original, i.e., the earliest published granted patents or  <<<
>>> applications.  USPAT2 contains full text of the latest US  <<<
>>> publications, starting in 2001, for the inventions covered in  <<<
>>> USPATFULL.  A USPATFULL record contains not only the original  <<<
>>> published document but also a list of any subsequent  <<<
>>> publications.  The publication number, patent kind code, and  <<<
>>> publication date for all the US publications for an invention  <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL  <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.  <<<

>>> USPATFULL and USPAT2 can be accessed and searched together  <<<
>>> through the new cluster USPATALL.  Type FILE USPATALL to  <<<
>>> enter this cluster.  <<<
>>>  <<<
>>> Use USPATALL when searching terms such as patent assignees,  <<<
>>> classifications, or claims, that may potentially change from  <<<
>>> the earliest to the latest publication.  <<<

```

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l18

```

      173 L16
      2420675 PD < DECEMBER 1998
      (PD<19981200)

```

L22 106 L17 AND PD < DECEMBER 1998

=> d his

(FILE 'HOME' ENTERED AT 08:31:38 ON 16 JUN 2003)

FILE 'REGISTRY' ENTERED AT 08:31:45 ON 16 JUN 2003

```

L1      STRUCTURE UPLOADED
L2      50 S L1
L3      STRUCTURE UPLOADED
L4      3167 S L1 FULL

```

FILE 'HCAPLUS' ENTERED AT 08:46:09 ON 16 JUN 2003

```

L5      1379 S L4
L6      STRUCTURE UPLOADED
      S L6

```

FILE 'REGISTRY' ENTERED AT 08:51:13 ON 16 JUN 2003

L7 50 S L6

FILE 'HCAPLUS' ENTERED AT 08:51:14 ON 16 JUN 2003

L8 27 S L7

FILE 'REGISTRY' ENTERED AT 08:51:22 ON 16 JUN 2003

```

L9      STRUCTURE UPLOADED
L10     50 S L9
L11     2695 S L9 FULL
L12     STRUCTURE UPLOADED
L13     STRUCTURE UPLOADED
L14     STRUCTURE UPLOADED
L15     50 S L14
L16     2695 S L15 FULL

```

FILE 'HCAPLUS' ENTERED AT 08:58:49 ON 16 JUN 2003

L17 1293 S L16
 L18 832 S L17 AND PD < DECEMBER 1998
 L19 0 S L18 AND KEIICHI, C?/AU
 L20 0 S L18 AND IMAMURA, K?/AU
 L21 0 S L18 AND MITOMO, K?/AU

FILE 'USPATFULL' ENTERED AT 09:01:13 ON 16 JUN 2003

L22 106 S L18

=> s 116

L23 173 L16

=> s 123 and pd < december 1998

2420675 PD < DECEMBER 1998

(PD<19981200)

L24 106 L23 AND PD < DECEMBER 1998

=> d 124, ibib abs fhitr, 1-30

L24 ANSWER 1 OF 106 USPATFULL

| Full Text | Citing References |
|--------------|----------------------|
|--------------|----------------------|

ACCESSION NUMBER: 2002:45479 USPATFULL
 TITLE: Streptogramins for preparing same by mutasynthesis
 INVENTOR(S): Blanc, Veronique, Paris, FRANCE
 Thibaut, Denis, Paris, FRANCE
 Bamas-Jacques, Nathalie, Paris, FRANCE
 Blanche, Francis, Paris, FRANCE
 Crouzet, Joel, Sceaux, FRANCE
 Barriere, Jean-Claude, Bures-sur-Yvette, FRANCE
 Debussche, Laurent, Athis-Mons, FRANCE
 Famechon, Alain, Janville-sur-Juine, FRANCE
 Paris, Jean-Marc, Vaires-sur-Marne, FRANCE
 Dutruc-Rosset, Gilles, Paris, FRANCE
 PATENT ASSIGNEE(S): Aventis Pharma S.A., Antony, FRANCE (non-U.S.
 corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|-----------------------|
| PATENT INFORMATION: | US 6352839 | B1 | 20020305 |
| | WO 9601901 | | 19960125 |
| APPLICATION INFO.: | US 1997-765907 | | 19970320 (8) |
| | WO 1995-FR889 | | 19950704 |
| | | | 19970320 PCT 371 date |

| | NUMBER | DATE |
|---|---|----------|
| PRIORITY INFORMATION: | FR 1994-8478 | 19940708 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Nashed, Nashaat T. | |
| LEGAL REPRESENTATIVE: | Finnegan, Henderson, Farabow, Garrett, & Dunner LLP | |
| NUMBER OF CLAIMS: | 20 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 14 Drawing Figure(s); 14 Drawing Page(s) | |
| LINE COUNT: | 4608 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |
| AB The invention provides a method for preparing streptogramins using | | |

genetically-modified microorganisms to influence the biosynthesis of at least one of the precursors of the group B streptogramins. Cultures of the genetically-modified microorganisms are supplemented with a least one precursor that is different from the streptogramin precursor whose biosynthesis is altered and the streptogramins produced are recovered.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 57206-54-9P, Pristinamycin IB

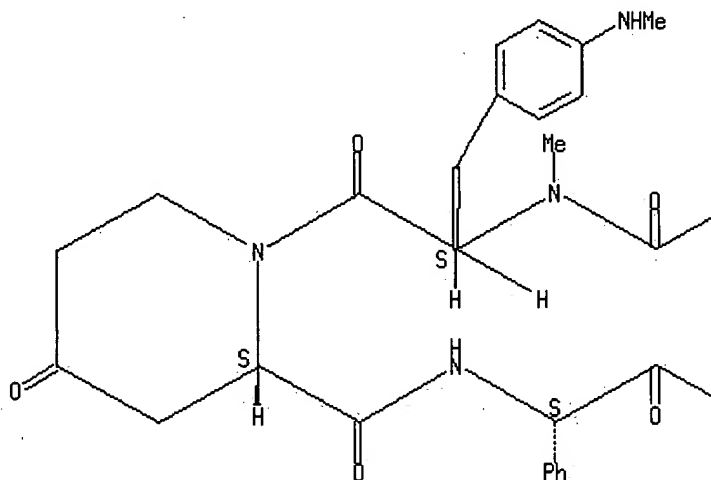
(streptogramins and their manuf. with Streptomyces mutants)

RN 57206-54-9 USPATFULL

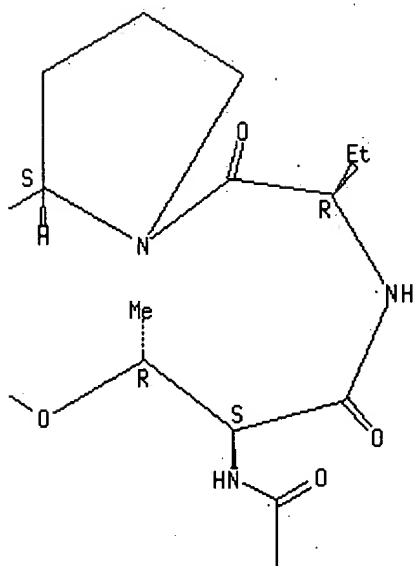
CN Pristinamycin IB (9CI) (CA INDEX NAME)

Absolute stereochemistry.

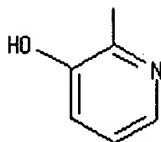
PAGE 1-A



PAGE 1-B



PAGE 2-B



L24 ANSWER 2 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER: 2002:9831 USPATFULL

TITLE: N-(unsubstituted or substituted)-4-substituted-6-(unsubstituted or substituted)phenoxy-2-pyridinecarboxamides or thiocarboxamides, processes for producing the same, and herbicides

INVENTOR(S): Kanno, Hisashi, Fukushima, JAPAN
Kubota, Yoshikazu, Chiba, JAPAN
Sato, Tsutomu, Fukushima, JAPAN
Sato, Koki, Fukushima, JAPAN

PATENT ASSIGNEE(S): Kureha Kagaku Kogyo Kabushiki Kaisha, Tokyo, JAPAN
(non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|-----------------------|
| PATENT INFORMATION: | US 6339045 | B1 | 20020115 |
| | WO 9724330 | | 19970710 |
| APPLICATION INFO.: | US 1998-91794 | | 19980812 (9) |
| | WO 1996-JP3807 | | 19961226 |
| | | | 19980812 PCT 371 date |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | JP 1995-353264 | 19951228 |
| | JP 1996-140720 | 19960510 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Rotman, Alan L. | |
| LEGAL REPRESENTATIVE: | Nixon & Vanderhye | |
| NUMBER OF CLAIMS: | 9 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 0 Drawing Figure(s); 0 Drawing Page(s) | |
| LINE COUNT: | 5351 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB N-(substituted or unsubstituted)-4-substituted-6-(substituted or unsubstituted) phenoxy-2-pyridine carboxamide or thiocarboxamide represented by the general formula (I) and a process for producing the compound.

A herbicide containing as an effective ingredient N-(substituted or unsubstituted)-4-substituted-6-(substituted or unsubstituted) phenoxy-2-pyridine carboxamide or thiocarboxamide represented by the general formula (I).

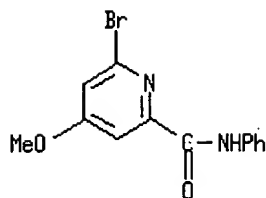
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 192447-10-2P

(process for producing pyridinecarboxamides or thiocarboxamides by addn. reaction)

RN 192447-10-2 USPATFULL

CN 2-Pyridinecarboxamide, 6-bromo-4-methoxy-N-phenyl- (9CI) (CA INDEX NAME)



L24 ANSWER 3 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 2001:226746 USPATFULL
 TITLE: Sandramycin analogs
 INVENTOR(S): Boger, Dale L., La Jolla, CA, United States
 PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 6329497 | B1 | 20011211 |
| | WO 9843663 | | 19981008 |
| APPLICATION INFO.: | US 1999-381883 | | 19991203 (9) |
| | WO 1998-US6058 | | 19980327 |
| | | | 19991203 PCT 371 date |
| | | | 19991203 PCT 102(e) date |

DOCUMENT TYPE: Utility
 FILE SEGMENT: GRANTED
 PRIMARY EXAMINER: Gitomer, Ralph
 ASSISTANT EXAMINER: Khare, Devesh
 LEGAL REPRESENTATIVE: Lewis, Donald G.
 NUMBER OF CLAIMS: 33
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 29 Drawing Figure(s); 26 Drawing Page(s)
 LINE COUNT: 2755

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Analogs of sandramycin (1) are synthesized and shown to have cytotoxicity against various tumor cell types. The relative cytotoxic properties of the sandramycin analogs are approximately parallel to their relative DNA binding affinities. An exception to this generalization is compound (4) which completely lacks the sandramycin chromophore phenol. Although typically 4-10⁴ less potent than sandramycin against leukemia cell lines, compound (4) proved to be 1-10,000⁴ more potent against melanomas, carcinomas, and adenocarcinomas exhibiting IC₅₀ values of 1 pM-10 nM. This activity places compound (4) amongst the most potent agents identified to date.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 203807-29-8P

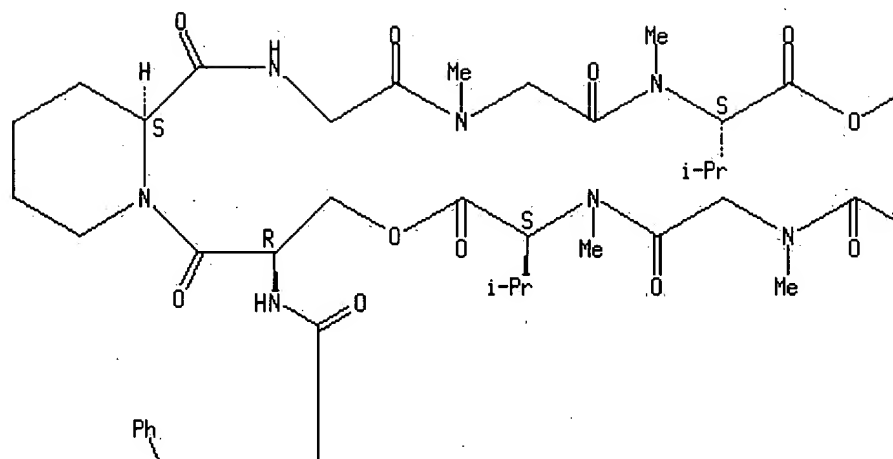
(prepn., DNA binding, cytotoxicity, and antitumor activity of sandramycin analogs)

RN 203807-29-8 USPATFULL

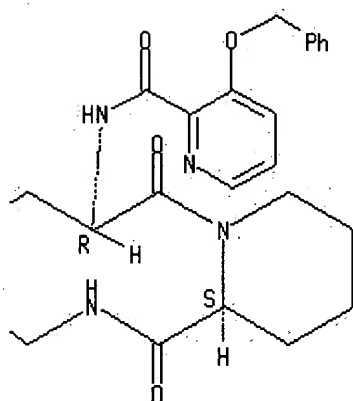
CN Sandramycin, 1-[N-[[3-(phenylmethoxy)-2-pyridinyl]carbonyl]-D-serine]-6-[N-[[3-(phenylmethoxy)-2-pyridinyl]carbonyl]-D-serine]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

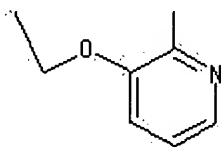
PAGE 1-A



PAGE 1-B



PAGE 2-A



L24 ANSWER 4 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

2001:14250 USPATFULL

Streptomyces strains and process to produce single streptogramin component

Barrere, Genevieve, Paris, France

Jumel, Catherine, Escalquens, France

Lacroix, Patricia, Bry-sur-Marne, France

Lehmann, Corinne, Sainte-Genevieve-des-Bois, France

Sabatier, Alain, Paris, France

Aventis Pharma S.A., Antony, France (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|----------------------------|----------------|------|--------------------------|
| <u>PATENT INFORMATION:</u> | US 6180392 | B1 | 20010130 |
| | WO 9320182 | | 19931014 |
| <u>APPLICATION INFO.:</u> | US 1994-307796 | | 19941110 (8) |
| | WO 1993-FR324 | | 19930331 |
| | | | 19941110 PCT 371 date |
| | | | 19941110 PCT 102(e) date |

| | NUMBER | DATE |
|------------------------------|---|----------|
| <u>PRIORITY INFORMATION:</u> | FR 1992-3939 | 19920401 |
| <u>DOCUMENT TYPE:</u> | Utility | |
| <u>FILE SEGMENT:</u> | Granted | |
| <u>PRIMARY EXAMINER:</u> | Marx, Irene | |
| <u>LEGAL REPRESENTATIVE:</u> | Finnegan, Henderson, Farabow, Garrett, Dunner, L.L.P. | |
| <u>NUMBER OF CLAIMS:</u> | 5 | |
| <u>EXEMPLARY CLAIM:</u> | 1 | |
| <u>NUMBER OF DRAWINGS:</u> | 3 Drawing Figure(s); 2 Drawing Page(s) | |
| <u>LINE COUNT:</u> | 752 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to micro-organisms capable of selectively producing streptogramin components A and B, the preparation of said micro-organisms, and streptogramin A or B.

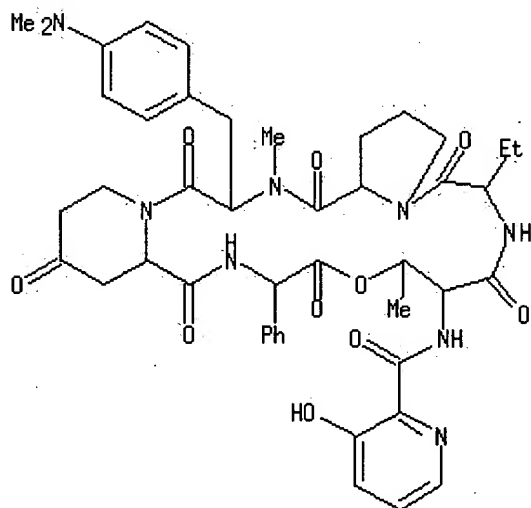
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 3131-03-1P

(Streptomyces ostreogriseus mutant specifically producing, prepn: and antibiotic manuf. with)

RN 3131-03-1 USPATFULL

CN Pristinamycin IA (9CI) (CA INDEX NAME)



L24 ANSWER 5 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 2000:50707 USPATFULL

TITLE: Benzamide derivatives and their use as vasopressin antagonists

INVENTOR(S): Setoi, Hiroyuki, Tsukuba, Japan

Ohkawa, Takehiko, Ishigemachi, Japan
 Zenkoh, Tatsuya, Moriyamachi, Japan
 Sawada, Hitoshi, Tsukuba, Japan
 Sato, Kentaro, Tsukuba, Japan
 Tanaka, Hirokazu, Takarazuka, Japan
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Osaka, Japan
 (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 6054457 | | 20000425 |
| | WO 9641795 | | 19961227 |
| APPLICATION INFO.: | US 1997-973103 | | 19971209 (8) |
| | WO 1996-JP1533 | | 19960606 |
| | | | 19971209 PCT 371 date |
| | | | 19971209 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | GB 1995-11694 | 19950609 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Shah, Mukund J. | |
| ASSISTANT EXAMINER: | Coleman, Brenda | |
| LEGAL REPRESENTATIVE: | Oblon, Spivak, McClelland, Maier & Neustadt, P.C. | |
| NUMBER OF CLAIMS: | 6 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 7051 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to new benzamide derivatives having a vasopressin antagonistic activity, etc, and represented by general formula (I):
 ##STR1## wherein R¹ is aryl optionally substituted with lower alkoxy, etc., R² is lower alkyl, etc.,

R³ is hydrogen, etc.,

R⁴ is lower alkoxy, etc.,

R⁵ is hydrogen, etc.,

A is NH, etc.,

E is ##STR2## etc., X is --CH.dbd.CH--, --CH.dbd.N--, or S, and

Y is CH or N,

and pharmaceutically acceptable salts thereof, to processes for preparation thereof and to a pharmaceutical composition comprising the same.

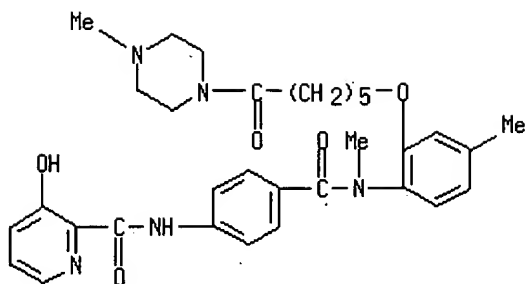
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 186659-63-2P

(prepn. of benzamide derivs. as vasopressin antagonists)

RN 186659-63-2 USPATFULL

CN 2-Pyridinecarboxamide, 3-hydroxy-N-[4-[[methyl[4-methyl-2-[[6-(4-methyl-1-piperazinyl)-6-oxohexyl]oxy]phenyl]amino]carbonyl]phenyl]-, dihydrochloride (9CI) (CA INDEX NAME)



2 HCl

L24 ANSWER 6 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 1999:167152 USPATFULL

TITLE: Process for producing pyridinecarboxamides or thiocarboxamides

INVENTOR(S): Kanno, Hisashi, Fukushima, Japan
Kubota, Yoshikazu, Chiba, Japan

PATENT ASSIGNEE(S): Kureha Kagaku Kogyo Kabushiki Kaisha, Japan (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 6005112 | | 19991221 |
| | WO 9724329 | | 19970710 |
| APPLICATION INFO.: | US 1998-91731 | | 19980812 (9) |
| | WO 1996-JP3806 | | 19961226 |
| | | | 19980812 PCT 371 date |
| | | | 19980812 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|----------------|----------|
| PRIORITY INFORMATION: | JP 1995-353264 | 19951228 |
| | JP 1996-140720 | 19960510 |

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Davis, Zinna Northington
 LEGAL REPRESENTATIVE: Nixon & Vanderhye
 NUMBER OF CLAIMS: 3
 EXEMPLARY CLAIM: 1
 LINE COUNT: 1442

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for producing N-substituted pyridine carboxamide or thiocarboxamide, comprising reacting a substituted or unsubstituted pyridine metal compound with substituted isocyanate or isothiocyanate to obtain an addition reaction product thereof, and then substituting the metal of said addition reaction product with a proton. The process according to the present invention can be applied even to compounds having an oxidation-susceptible substituent group and, therefore, industrially useful.

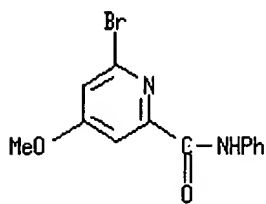
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 192447-10-2P

(process for producing pyridinecarboxamides or thiocarboxamides by addn. reaction)

RN 192447-10-2 USPATFULL

CN 2-Pyridinecarboxamide, 6-bromo-4-methoxy-N-phenyl- (9CI) (CA INDEX NAME)



L24 ANSWER 7 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 1999:128795 USPATFULL

TITLE: Method for preparing enantiomeric forms of amino alkylaminophenyl propanoic acid

INVENTOR(S): Stammeler, Robert, Paris, France

PATENT ASSIGNEE(S): Rhone-Poulenc Rorer S.A., Antony, France (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 5969179 | | 19991019 |
| | WO 9641794 | | 19961227 |
| APPLICATION INFO.: | US 1997-981038 | | 19971211 (8) |
| | WO 1996-FR872 | | 19960610 |
| | | | 19971211 PCT 371 date |
| | | | 19971211 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | FR 1995-6890 | 19950612 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Burn, Brian M. | |
| ASSISTANT EXAMINER: | Davis, Brian J. | |
| LEGAL REPRESENTATIVE: | Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. | |
| NUMBER OF CLAIMS: | 1 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 478 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for preparing an enantiomeric form of 2-amino-3-(4-alkylaminophenyl)-propanoic acid of formula (I) or a salt thereof: ##STR1## in which Alk represents an alkyl radical containing 1 to 2 carbon atoms, from (L)-phenylalanine to obtain the (S)-enantiomer of 2-amino-3-(4-alkylaminophenyl)-propanoic acid, or from (D)-phenylalanine to obtain the (R)-enantiomer of 2-amino-3-(4-alkylaminophenyl)propanoic acid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

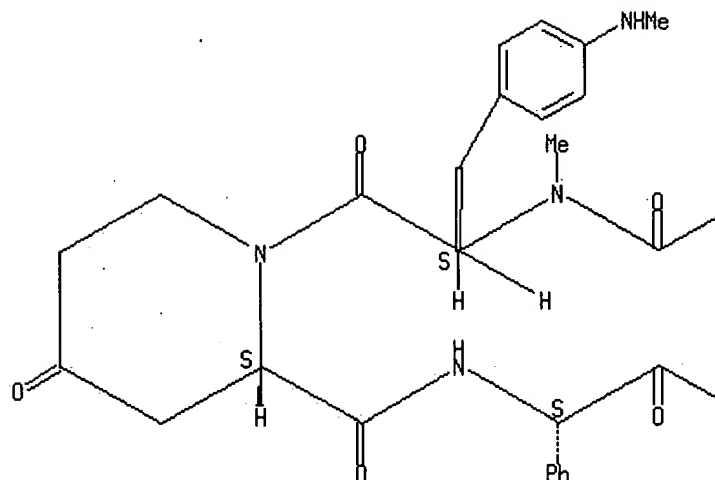
IT 57206-54-9P, Pristinamycin ib
(prepn. of enantiomeric forms of amino alkylaminophenyl propanoic acid)

RN 57206-54-9 USPATFULL

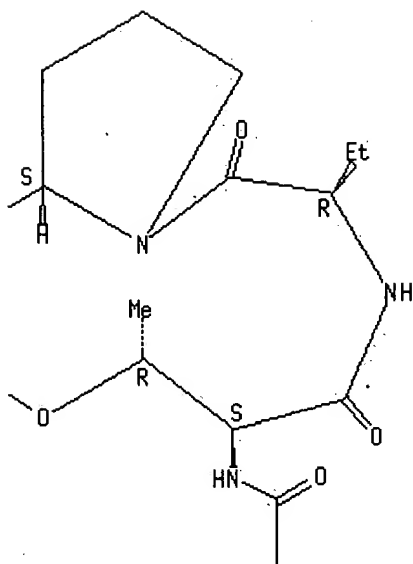
CN Pristinamycin IB (9CI) (CA INDEX NAME)

Absolute stereochemistry.

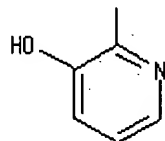
PAGE 1-A



PAGE 1-B



PAGE 2-B



L24 ANSWER 8 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

1999:121586 USPATFULL

Oxazole derivatives, process for producing the same, and herbicide

Ueda, Akiyoshi, Kanagawa, Japan

Miyazawa, Yasuyuki, Kanagawa, Japan

Hara, Yoshihiko, Oiso-machi, Japan

Koguchi, Masami, Kanagawa, Japan

Takahashi, Akihiro, Ohimachi, Japan

PATENT ASSIGNEE(S): Kawana, Takashi, Kanagawa, Japan
Nippon Soda Co., Ltd., Tokyo, Japan (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 5962685 | | 19991005 |
| | WO 9604278 | | 19960215 |
| APPLICATION INFO.: | US 1997-750932 | | 19970128 (8) |
| | WO 1995-JP1523 | | 19950801 |
| | | | 19970128 PCT 371 date |
| | | | 19970128 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | JP 1994-200196 | 19940802 |
| | JP 1994-200197 | 19940802 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Ford, John M. | |
| LEGAL REPRESENTATIVE: | Mason, Jr., Joseph C., LaPointe, Dennis G. | |
| NUMBER OF CLAIMS: | 1 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 3317 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to oxazole derivatives represented by the formula [I]; ##STR1## wherein A represents a nitrogen atom or a R₃ -substituted carbon atom; B represents a nitrogen atom, or an unsubstituted or X-substituted carbon atom; Z represents an oxygen atom, sulfinyl or sulfonyl; R₁ and R₂ represent each independently hydrogen, C₁ -C₆ alkyl, C₁ -C₆ alkoxy, C₁ -C₆ haloalkoxy, C₁ -C₆ haloalkyl or the like; R₃ represents hydrogen, C₁ -C₆ alkyl, halogen, nitro, formyl or acyl; X represents hydrogen, C₁ -C₆ alkyl, C₃ -C₇ cycloalkyl, C₂ -C₆ alkenyl, C₃ -C₆ alkynyl, C₁ -C₆ haloalkyl or the like; Y represents hydrogen, C₁ -C₆ alkyl, C₃ -C₇ cycloalkyl, C₂ -C₆ alkenyl, C₃ -C₆ alkynyl, C₁ -C₆ haloalkyl or the like; m represents an integer of 1 or 2, and n represents an integer of 1, 2, 3 or 4, and the salts thereof. The compounds specified in the present invention have an excellent herbicidal activity and are useful as an active ingredients for herbicides.

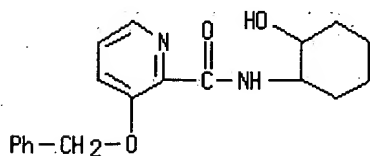
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 177711-12-5

(prepn. of pyrimidinylphenyloxazole derivs. as herbicides)

RN 177711-12-5 USPATFULL

CN 2-Pyridinecarboxamide, N-(2-hydroxycyclohexyl)-3-(phenylmethoxy) - (9CI)
(CA INDEX NAME)



L24 ANSWER 9 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER: 1998:92196 USPATFULL
 TITLE: Substituted-pyridinyl cephalosporin antibiotics active against methicillin resistant bacteria
 INVENTOR(S): Christensen, Burton G., Lebanon, NJ, United States
 Cho, In-Seop, Mountain View, CA, United States
 Glinka, Tomasz W., Sunnyvale, CA, United States
 Hecker, Scott J., Los Gatos, CA, United States
 PATENT ASSIGNEE(S): Microcide Pharmaceuticals, Inc., Mountain View, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|------------------------------|--|------|-----------------|
| PATENT INFORMATION: | US 5789584 | | 19980804 |
| APPLICATION INFO.: | US 1995-415064 | | 19950329 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1995-369798, filed on 6 Jan 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-222262, filed on 1 Apr 1994, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Shah, Mukund J. | | |
| ASSISTANT EXAMINER: | Sripada, Pavanaram K. | | |
| LEGAL REPRESENTATIVE: | Lyon & Lyon LLP | | |
| NUMBER OF CLAIMS: | 11 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 3485 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

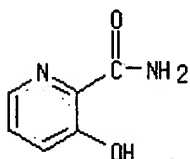
AB The present invention includes (7R)-7-(acylamino)-3-(substituted-pyridinyl)-3-cephem-4-carboxylic acids or their pharmacologically acceptable salts which exhibit antibiotic activity against methicillin-resistant bacteria and are therefore useful as antibacterial agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 933-90-4, 3-Hydroxypicolinamide
 (prepn. of substituted-pyridinyl cephalosporin antibiotics active against methicillin resistant bacteria)

RN 933-90-4 USPATFULL

CN 2-Pyridinecarboxamide, 3-hydroxy- (9CI) (CA INDEX NAME)



L24 ANSWER 10 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER: 1998:92156 USPATFULL
 TITLE: Method for preparing streptogramins
 INVENTOR(S): Barriere, Jean-Claude, Bures Sur Yvette, France
 Grondard, Luc, Courcouronnes, France
 Lefevre, Patrick, Courbevoie, France
 Mutti, Stephane, Le Perreux Sur Marne, France

PATENT ASSIGNEE(S): Rhone-Poulenc Rorer S.A., Antony Cedex, France
(non-U.S. corporation)

| | NUMBER | KIND | DATE |
|----------------------------|-----------------------|------|--------------------------|
| PATENT INFORMATION: | <u>US 5789537</u> | | 19980804 |
| | <u>WO 9633213</u> | | 19961024 |
| APPLICATION INFO.: | <u>US 1997-930135</u> | | 19971016 (8) |
| | <u>WO 1996-FR575</u> | | 19960416 |
| | | | 19971016 PCT 371 date |
| | | | 19971016 PCT 102(e) date |

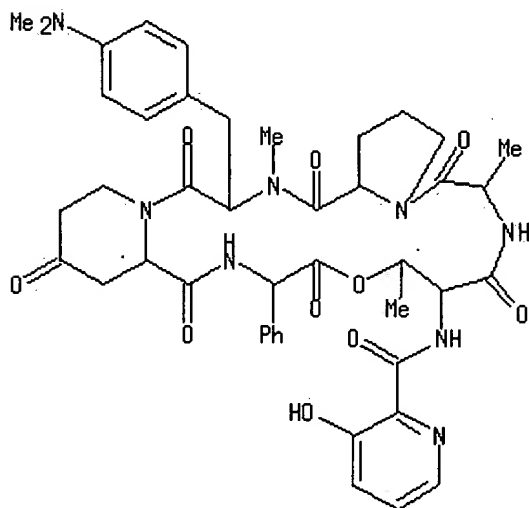
| | NUMBER | DATE |
|------------------------------|--|----------|
| PRIORITY INFORMATION: | <u>FR 1995-4585</u> | 19950418 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Henley, Jr., Raymond | |
| LEGAL REPRESENTATIVE: | Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. | |
| NUMBER OF CLAIMS: | 6 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 232 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for preparing streptogramins of the formula (I): ##STR1## wherein R_1 is methyl or ethyl, R_2 is H and X and Y together form an oxo radical, or R_1 is ethyl, R_2 and X are H and Y is H or OH, or else R_1 is ethyl, R_2 is OH and X and Y together form an oxo radical, by demethylation of a synergistin derivative of the formula (II): ##STR2## wherein R_1 , R_2 , X and Y are as defined above, by means of a treatment with a periodate in an acetic medium, followed by a treatment in an aqueous medium.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 28979-74-0, Pristinamycin Ic
(prepn. of streptogramines)
RN 28979-74-0 USPATFULL
CN Pristinamycin IC (8CI, 9CI) (CA INDEX NAME)



L24 ANSWER 11 OF 106 USPATFULL

| Full Text | Citing References |
|--------------|----------------------|
|--------------|----------------------|

ACCESSION NUMBER: 1998:88931 USPATFULL

TITLE: Streptogramin derivatives, their preparation and pharmaceutical compositions which contain them

INVENTOR(S): Barriere, Jean-Claude, Bures-sur-Yvette, France
Paris, Jean-Marc, Vaires-sur-Marne, France
Puchault, Gerard, Marcilly, France

PATENT ASSIGNEE(S): Rhone-Poulenc Rorer S.A., Antony Cedex, France
(non-U.S. corporation)

| | NUMBER | KIND | DATE |
|----------------------------|-----------------------|------|--------------------------|
| PATENT INFORMATION: | <u>US 5786449</u> | | 19980728 |
| | <u>WO 9604299</u> | | 19960215 |
| APPLICATION INFO.: | <u>US 1997-776665</u> | | 19970131 (8) |
| | <u>WO 1995-FR1025</u> | | 19950731 |
| | | | 19970131 PCT 371 date |
| | | | 19970131 PCT 102(e) date |

| | NUMBER | DATE |
|------------------------------|--|----------|
| PRIORITY INFORMATION: | <u>FR 1994-9563</u> | 19940802 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Hill, Jr., Robert J. | |
| ASSISTANT EXAMINER: | Marshall, S. G. | |
| LEGAL REPRESENTATIVE: | Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. | |
| NUMBER OF CLAIMS: | 4 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 489 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Streptogramine derivatives of general formula (I) below, wherein the radical R_1 is a methyl or ethyl radical, the radical R_2 is a bromine or chlorine atom, or is an alkenyl radical with 3 to 5 carbon atoms when R_3 and R_4 are methyl, and one of R_3 and R_4 is a hydrogen atom or a methyl radical and the other is a methyl radical are disclosed. The streptogramine derivatives of general formula (I) have particularly useful antibacterial properties, and may be used in combination with a pristinamycin II derivative. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 177842-06-7P

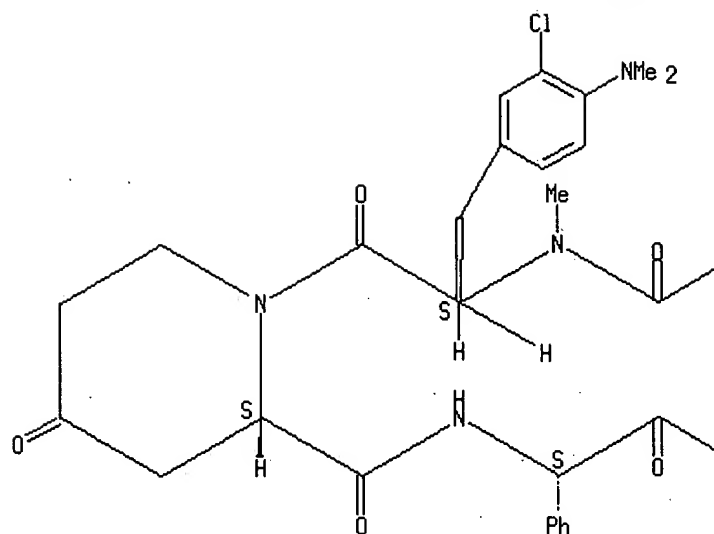
(prepn. of streptogramin derivs. as antibacterial agents)

RN 177842-06-7 USPATFULL

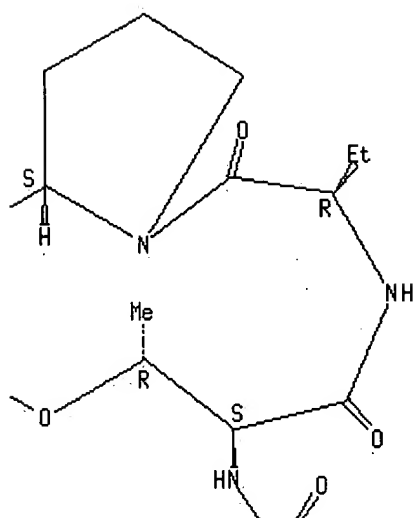
CN Pristinamycin IA, 4-[3-chloro-4-(dimethylamino)-N-methyl-L-phenylalanine]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

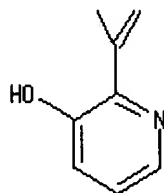
PAGE 1-A



PAGE 1-B



PAGE 2-B



L24 ANSWER 12 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER:

1998:62642 USPATFULL

TITLE:

Electrical connection box

INVENTOR(S):

Tanaka, Mitsuo, Hikone, Japan

PATENT ASSIGNEE(S):

The Furukawa Electric Co., Ltd., Tokyo, Japan (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|------------------------------|--|------|---------------------|
| PATENT INFORMATION: | US 5761038 | | 19980602 |
| APPLICATION INFO.: | US 1996-655706 | | 19960530 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Thompson, Gregory D. | | |
| LEGAL REPRESENTATIVE: | Frishauf, Holtz, Goodman, Langer & Chick | | |
| NUMBER OF CLAIMS: | 6 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 14 Drawing Figure(s); 7 Drawing Page(s) | | |
| LINE COUNT: | 269 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

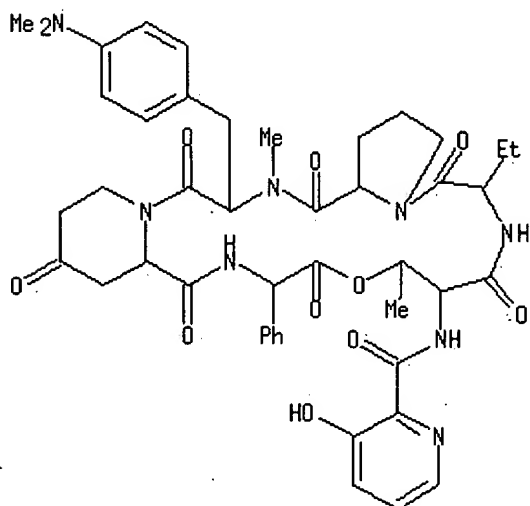
AB An electrical connection box having heat generating electrical parts contained therein includes an upper case, a case body, and a lower case. The case body has a top surface on which numerous concave grooves are formed in a matrix shape, and at least one of the concave grooves receives a cooling device therein in such a manner that a heat absorbing side of the cooling device is positioned inside the electrical connection box and a heat radiating side of the cooling device is located outside of the electrical connection box. Alternatively, the case body may include numerous attaching holes formed in a thickness direction of the case body or in a direction perpendicular to the thickness direction of the case body, and at least one of the attaching holes receives a cooling device therein in such a manner that a heat absorbing side of the cooling device is positioned inside the electrical connection box and a heat radiating side of the cooling device is located outside of the electrical connection box. A position of the cooling device is capable of being changed in accordance with given mounting positions of the heat generating electrical parts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 3131-03-1, Mikamycin B
 (bifunctional mols. comprising therapeutic and transcytotic
 receptor-binding ligand for delivery of therapeutic to epithelium of
 airway or intestine)

RN 3131-03-1 USPATFULL

CN Pristinamycin IA (9CI) (CA INDEX NAME)



L24 ANSWER 13 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER: 1998:57948 USPATFULL
 TITLE: Anilide derivatives as fungicides
 INVENTOR(S): Riordan, Peter Dominic, Dunmow, England
 Osbourn, Susan Elizabeth, Cambridge, England
 Boddy, Ian Kenneth, Hamilton, New Zealand
 PATENT ASSIGNEE(S): Agrevo UK Limited, Cambridge, England (non-U.S.
 corporation)

| | NUMBER | KIND | DATE |
|----------------------------|-----------------------|------|--------------------------|
| PATENT INFORMATION: | <u>US 5756524</u> | | 19980526 |
| | <u>WO 9525723</u> | | 19950928 |
| APPLICATION INFO.: | <u>US 1996-714149</u> | | 19960918 (8) |
| | <u>WO 1995-GB570</u> | | 19950316 |
| | | | 19960918 PCT 371 date |
| | | | 19960918 PCT 102(e) date |

| | NUMBER | DATE |
|------------------------------|--------------------------------------|----------|
| PRIORITY INFORMATION: | <u>GB 1994-5347</u> | 19940318 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Rotman, Alan L. | |
| LEGAL REPRESENTATIVE: | Ostrolenk, Faber, Gerb & Soffen, LLP | |
| NUMBER OF CLAIMS: | 17 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 821 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound of formula I ##STR1## X is O or S; A is 6-alkoxy-3-pyridyl
 optionally substituted by halogen;

Y is hydrogen or alkyl;

R³ is alkyl or a metal salt complex thereof. This invention
 contains fungicidal compositions and are used to combat cytopathogenic
 fungi.

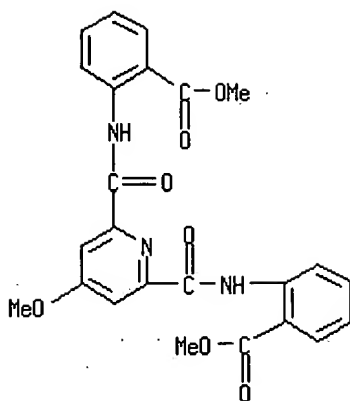
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 173056-90-1P

(prepn. of anilide derivs. as fungicides)

RN 173056-90-1 USPATFULL

CN Benzoic acid, 2,2'-[(4-methoxy-2,6-pyridinediyl)bis(carbonylimino)]bis-,
 dimethyl ester (9CI) (CA INDEX NAME)



L24 ANSWER 14 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER: 1998:57917 USPATFULL
 TITLE: Cephalosporin antibiotics
 INVENTOR(S): Hecker, Scott, Los Gatos, CA, United States
 Cho, In-Seop, Mountainview, CA, United States
 Glinka, Tomasz, Sunnyvale, CA, United States
 Christensen, Burton, Lebanon, NJ, United States
 PATENT ASSIGNEE(S): Microcide Pharmaceuticals, Inc., Mountain View, CA,
 United States (U.S. corporation)

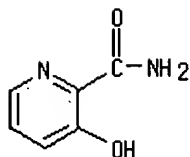
| | NUMBER | KIND | DATE |
|------------------------------|--|------|---------------------|
| PATENT INFORMATION: | US 5756493 | | 19980526 |
| APPLICATION INFO.: | US 1995-413713 | | 19950329 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. <u>US 1995-369798</u> , filed on 6 Jan 1995, now abandoned which is a continuation-in-part of Ser. No. <u>US 1994-222262</u> , filed on 1 Apr 1994, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Shah, Mukund J. | | |
| ASSISTANT EXAMINER: | Wong, King Lit | | |
| LEGAL REPRESENTATIVE: | Lyon & Lyon LLP | | |
| NUMBER OF CLAIMS: | 41 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 3943 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention includes novel (7R)-7-(acylamino)-3-(arylthio)-3-cephem-4-carboxylic acids or their pharmacologically acceptable salts which exhibit antibiotic activity against a wide spectrum of organisms including organisms which are resistant to β -lactam antibiotics and are useful as antibacterial agents. The invention also relates to novel intermediates useful for making the novel compounds of the present invention and to novel methods for producing the novel compounds and intermediate compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 933-90-4, 3-Hydroxypicolinamide
 (prepn. of arylthio substituted cepheams active against methicillin resistant bacteria)
 RN 933-90-4 USPATFULL
 CN 2-Pyridinecarboxamide, 3-hydroxy- (9CI) (CA INDEX NAME)



L24 ANSWER 15 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 1998:39526 USPATFULL

TITLE: Inhibitors of microsomal triglyceride transfer protein and method

INVENTOR(S): Biller, Scott A., Hopewell, NJ, United States
Dickson, John K., Eastampton, NJ, United States
Lawrence, R. Michael, Yardley, PA, United States
Magnin, David R., Hamilton, NJ, United States
Poss, Michael A., Lawrenceville, NJ, United States
Sulsky, Richard B., Franklin Park, NJ, United States
Tino, Joseph A., Lawrenceville, NJ, United States

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, Princeton, NJ, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|------------------------------|---|------|---------------------|
| PATENT INFORMATION: | US 5739135 | | 19980414 |
| APPLICATION INFO.: | US 1995-472067 | | 19950606 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. <u>US 1995-391901</u> , filed on 21 Feb 1995, now abandoned which is a continuation-in-part of Ser. No. <u>US 1994-284808</u> , filed on 5 Aug 1994, now abandoned which is a continuation-in-part of Ser. No. <u>US 1993-117362</u> , filed on 3 Sep 1993, now patented, Pat. No. <u>US 5595872</u> | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Shah, Mukund J. | | |
| ASSISTANT EXAMINER: | Wong, King Lit | | |
| LEGAL REPRESENTATIVE: | Rodney, Burton | | |
| NUMBER OF CLAIMS: | 38 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 6562 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds are provided which inhibit microsomal triglyceride transfer protein and thus are useful for lowering serum lipids and treating atherosclerosis and related diseases. The compounds have the structure ##STR1## wherein R¹ to R⁷, Q, X and Y are as defined herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 182430-19-9P

(prepn. of heterocyclic inhibitors of microsomal triglyceride transfer protein)

RN 182430-19-9 USPATFULL

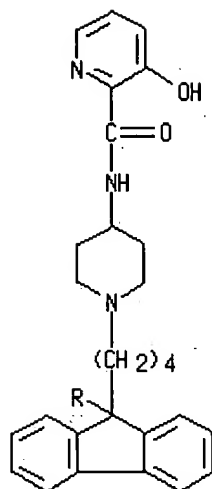
CN 2-Pyridinecarboxamide, 3-hydroxy-N-[1-[4-[9-[[2,2,2-trifluoroethyl]amino]carbonyl]-9H-fluoren-9-yl]butyl]-4-piperidinyl]-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

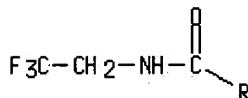
CRN 182430-18-8

CMF C31 H33 F3 N4 O3

PAGE 1-A

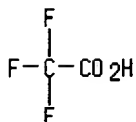


PAGE 2-A



CM 2

CRN 76-05-1
 CMF C2 H F3 O2



L24 ANSWER 16 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER:

1998:25206 USPATFULL

TITLE:

Purified form of streptogramins, its preparation and pharmaceutical compositions containing it

INVENTOR(S):

Anger, Pascal, Verrieres-le-Buisson, France
 Bonnavaud, Bertrand, Viroflay, France
 Callet, Alain, Orly, France
 Lefevre, Patrick, Vincennes, France

PATENT ASSIGNEE(S):

Rhone-Poulenc Rorer S.A., Antony, France (non-U.S.
 corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION:

US 572615119980310

APPLICATION INFO.:

US 1995-472767

19950607 (8)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 1994-197984, filed on 17

Feb 1994, now abandoned

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | FR 1993-1787 | 19930217 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Johnson, Jerry D. | |
| LEGAL REPRESENTATIVE: | Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. | |
| NUMBER OF CLAIMS: | 22 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 911 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to a purified form of streptogramins, having of a combination of one or more group B components of streptogramins, of general formula: ##STR1## in which A₁ is a radical of general formula: ##STR2## for which R' is H or OH and Y is H, a methylamino radical or a dimethylamino radical,

R is an ethyl radical or, when R' is H, R can also represent --CH₃, and

R₁ and R₂ are H, or alternatively

A₁ is a radical of formula: ##STR3## R is an isobutyl radical, and R₁ is OH and R₂ is --CH₃,

and one or more group A minority components of streptogramins, of general formula: ##STR4## in which R" is H or a methyl or ethyl radical, in the state of cocrystallize, of a coprecipitate or of a physical mixture of the powders.

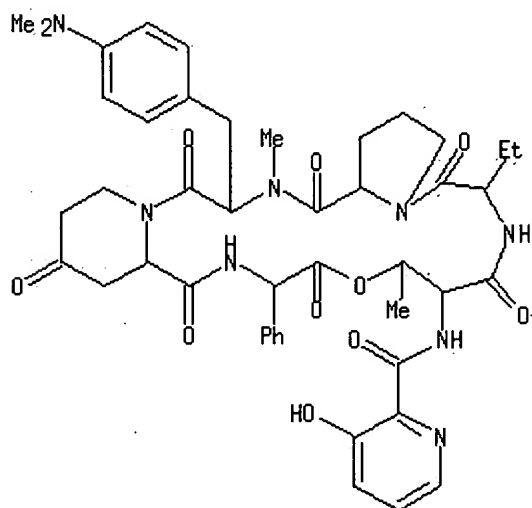
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 3131-03-1P, Streptogramin b

(pharmaceutical compns. comprising streptogramins in purified form)

RN 3131-03-1 USPATFULL

CN Pristinamycin IA (9CI) (CA INDEX NAME)



L24 ANSWER 17 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

1998:12096 USPATFULL

Olefin polymerization process

Johnson, Lynda Kaye, Wilmington, DE, United States

Feldman, Jerald, Hockessin, DE, United States

Kreutzer, Kristina Ann, Wilmington, DE, United States

McLain, Stephan James, Wilmington, DE, United States

Bennett, Alison Margaret Anne, Wilmington, DE, United States

Coughlin, Edward Bryan, Wilmington, DE, United States

Donald, Dennis Scott, Mendenhall, PA, United States

Nelson, Lissa Taka Jennings, Boothwyn, PA, United States

Parthasarathy, Anju, Glenmoore, PA, United States

Shen, Xing, La Jolla, CA, United States

Tam, Wilson, Boothwyn, PA, United States

Wang, Yueli, Wilmington, DE, United States

PATENT ASSIGNEE(S):

E. I. DuPont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|----------------------------|-----------------------|------|---------------------|
| PATENT INFORMATION: | <u>US 5714556</u> | | <u>19980203</u> |
| APPLICATION INFO.: | <u>US 1996-671392</u> | | <u>19960627</u> (8) |

| | NUMBER | DATE |
|------------------------------|----------------------------------|----------------------|
| PRIORITY INFORMATION: | <u>US 1995-747P</u> | <u>19950630</u> (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Wu, David W. | |
| LEGAL REPRESENTATIVE: | Evans, Craig H., Citron, Joel D. | |
| NUMBER OF CLAIMS: | 59 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 2682 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein is a process for the polymerization of ethylene, norbornenes and styrenes, by contacting in solution a selected nickel compound and a selected compound which is or can coordinated to the nickel with the olefin(s). The polymers produced are useful for films and molding resins.

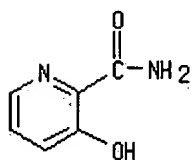
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 933-90-4

(catalyst component; olefin (co)polymn. process and catalysts therefor)

RN 933-90-4 USPATFULL

CN 2-Pyridinecarboxamide, 3-hydroxy- (9CI) (CA INDEX NAME)



L24 ANSWER 18 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER: 1998:9505 USPATFULL
 TITLE: Inhibitors of microsomal triglyceride transfer protein and method
 INVENTOR(S): Biller, Scott A., Hopewell, NJ, United States
 Dickson, John K., Eastampton, NJ, United States
 Lawrence, R. Michael, Yardley, PA, United States
 Magnin, David R., Hamilton, NJ, United States
 Poss, Michael A., Lawrenceville, NJ, United States
 Robl, Jeffrey A., Newtown, PA, United States
 Sulsky, Richard B., Franklin Park, NJ, United States
 Tino, Joseph A., Lawrenceville, NJ, United States
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, Princeton, NJ, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 5712279 | | 19980127 |
| APPLICATION INFO.: | US 1996-548811 | | 19960111 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1995-472067, filed on 6 Jun 1995 which is a continuation-in-part of Ser. No. US 1995-391901, filed on 21 Feb 1995, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Shah, Mukund J. | | |
| ASSISTANT EXAMINER: | Wong, King Lit | | |
| LEGAL REPRESENTATIVE: | Rodney, Burton | | |
| NUMBER OF CLAIMS: | 19 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 2204 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds are provided which inhibit microsomal triglyceride transfer protein and thus are useful for lowering serum lipids and treating atherosclerosis and related diseases. The compounds have the structure ##STR1## wherein Z, X¹, X², x and R⁵ are as defined herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

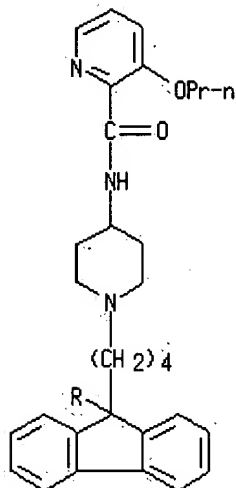
IT 182432-68-4P

(prepn. of 9-thioxanthencarboxamides and 9-fluorencarboxamides as inhibitors of microsomal triglyceride transfer protein)

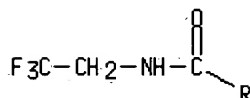
RN 182432-68-4 USPATFULL

CN 2-Pyridinecarboxamide, 3-propoxy-N-[1-[4-[9-[(2,2,2-trifluoroethyl)amino]carbonyl]-9H-fluoren-9-yl]butyl]-4-piperidinyl]-(9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



L24 ANSWER 19 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER:

97:120750 USPATFULL

TITLE:

N-aryl[1,2,4]triazolo[1,5-a]pyridine-2-sulfonamide
herbicides

INVENTOR(S):

Van Heertum, John C., Indianapolis, IN, United States
 Kleschick, William A., Indianapolis, IN, United States
 Arndt, Kim E., Indianapolis, IN, United States
 Costales, Mark J., Indianapolis, IN, United States
 Ehr, Robert J., Indianapolis, IN, United States
 Bradley, Kimberly Brubaker, Indianapolis, IN, United States
 Reifschneider, Walter, Walnut Creek, CA, United States
 Benko, Zoltan, Indianapolis, IN, United States
 Ash, Mary Lynne, Zionsville, IN, United States
 Jachetta, John J., Zionsville, IN, United States
 DowElanco, Indianapolis, IN, United States (U.S. corporation)

PATENT ASSIGNEE(S):

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION:**US 5700940** **19971223****APPLICATION INFO.:****US 1996-714838** **19960906 (8)****RELATED APPLN. INFO.:**

Division of Ser. No. US 1995-466510, filed on 6 Jun 1995, now patented, Pat. No. US 5571775 which is a continuation-in-part of Ser. No. US 1994-273519, filed on 11 Jul 1994, now abandoned

DOCUMENT TYPE:

Utility

FILE SEGMENT:

Granted

PRIMARY EXAMINER:

Ivy, C. Warren

ASSISTANT EXAMINER:

Huang, Evelyn

LEGAL REPRESENTATIVE:

Osborne, D. Wendell

NUMBER OF CLAIMS: 15
 EXEMPLARY CLAIM: 1
 LINE COUNT: 3489

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Substituted N-aryl[1,2,4]triazolo[1,5-a]pyridine-2-sulfonamide compounds, such as N-(2,6-difluorophenyl)-5-methoxy-7-methyl[1,2,4]triazolo[1,5-a]pyridine-2-sulfonamide, N-(4-bromo-1-methyl-3-pyrazolyl)-8-chloro-5-methoxy[1,2,4]triazolo[1,5-a]pyridine-2-sulfonamide, and N-(2-fluoro-4-methyl-3-pyridinyl)-8-ethoxy-6-chloro[1,2,4]triazolo[1,5-a]pyridine-2-sulfonamide, were prepared by condensation of a 2-chlorosulfonyl[1,2,4]triazolo[1,5-a]pyridine compound with an aryl amine. The compounds prepared were found to possess excellent herbicidal activity on a broad spectrum of vegetation at low application rates.

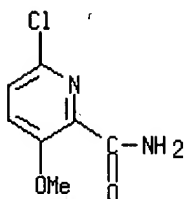
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 175965-92-1P

(prepn. of N-aryl[1,2,4]triazolo[1,5-a]pyridine-2-sulfonamides as herbicides)

RN 175965-92-1 USPATFULL

CN 2-Pyridinecarboxamide, 6-chloro-3-methoxy- (9CI) (CA INDEX NAME)



L24 ANSWER 20 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER:

97:118038 USPATFULL

TITLE:

Cephalosporin antibiotics

INVENTOR(S):

Christensen, Burton, Lebanon, NJ, United States
 Cho, In-Seop, Mountain View, CA, United States
 Glinka, Tomasz, Sunnyvale, CA, United States
 Hecker, Scott, Los Gatos, CA, United States
 Lee, Ving J., Los Altos, CA, United States
 Zhang, Zhijia J., Foster City, CA, United States

PATENT ASSIGNEE(S):

Microcide Pharmaceuticals, Inc., Mountain View, CA, United States (U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION:

| | |
|-------------------|-----------------|
| US 5698547 | 19971216 |
|-------------------|-----------------|

APPLICATION INFO.:

| | |
|-----------------------|---------------------|
| US 1995-455969 | 19950531 (8) |
|-----------------------|---------------------|

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. US 1995-415065, filed on 29 Mar 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-369798, filed on 6 Jan 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-222262, filed on 1 Apr 1994, now abandoned

DOCUMENT TYPE:

Utility

FILE SEGMENT:

Granted

PRIMARY EXAMINER:

Shah, Mukund J.

ASSISTANT EXAMINER:

Wong, King Lit

LEGAL REPRESENTATIVE:

Lyon & Lyon LLP

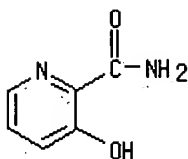
NUMBER OF CLAIMS: 34
 EXEMPLARY CLAIM: 1
 LINE COUNT: 3895

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention includes novel (7R)-7-(acylamino)-3-(arythio)-3-cephem-4-carboxylic acids or their pharmacologically acceptable salts which exhibit antibiotic activity against a wide spectrum of organisms including organisms which are resistant to β -lactam antibiotics and are useful as antibacterial agents. The invention also relates to novel intermediates useful for making the novel compounds of the present invention and to novel methods for producing the novel compounds and intermediate compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 933-90-4, 3-Hydroxypicolinamide
 (synthesis and bactericidal activity of cephalosporin antibiotics)
 RN 933-90-4 USPATFULL
 CN 2-Pyridinecarboxamide, 3-hydroxy- (9CI) (CA INDEX NAME)



L24 ANSWER 21 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 97:73640 USPATFULL
 TITLE: Substituted heterocyclic carboxamide esters, their preparation and their use as pharmaceuticals
 INVENTOR(S): Weidmann, Klaus, Kronberg, Germany, Federal Republic of
 Baringhaus, Karl-Heinz, Wolfersheim, Germany, Federal Republic of
 Tschank, Georg, Klein-Winternheim, Germany, Federal Republic of
 Bickel, Martin, Bad Homburg, Germany, Federal Republic of
 PATENT ASSIGNEE(S): Hoechst Aktiengesellschaft, Frankfurt am Main, Germany, Federal Republic of (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|----------------------------|-----------------------|------|--------------|
| PATENT INFORMATION: | <u>US 5658933</u> | | 19970819 |
| APPLICATION INFO.: | <u>US 1994-332824</u> | | 19941031 (8) |

| | NUMBER | DATE |
|------------------------------|--|----------|
| PRIORITY INFORMATION: | <u>DE 1993-4337270</u> | 19931102 |
| | <u>DE 1994-4434288</u> | 19940926 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Davis, Zinna Northington | |
| LEGAL REPRESENTATIVE: | Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. | |
| NUMBER OF CLAIMS: | 16 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 4190 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compounds of the formula I, ##STR1## to a process for their preparation and to their use as pharmaceuticals. The compounds are employed, in particular, as ester prodrugs of prolyl hydroxylase inhibitors for inhibiting collagen biosynthesis and as fibrosuppressive agents.

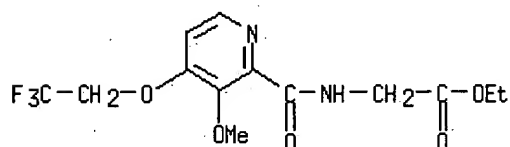
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 170621-40-6P

(prepn. of substituted heterocyclic carboxamide esters as prolyl hydroxylase inhibitor prodrugs)

RN 170621-40-6 USPATFULL

CN Glycine, N-[[3-methoxy-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)



L24 ANSWER 22 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 97:54228 USPATFULL

TITLE: Aromatically substituted ω -amino-alkanoic acid amides and alkanolic acid diamides

INVENTOR(S): Maibaum, Jurgen Klaus, Weil-Haltingen, Germany, Federal Republic of
Rigollier, Pascal, Mulhouse, France
Herold, Peter, Arlesheim, Switzerland
Cohen, Nissim Claude, Village-Neuf, France
Goschke, Richard, Bottmingen, Switzerland
Stutz, Stefan, Basel, Switzerland

PATENT ASSIGNEE(S): Ciba-Geigy Corporation, Tarrytown, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|----------------------------|-----------------------|------|-----------------|
| <u>PATENT INFORMATION:</u> | <u>US 5641778</u> | | <u>19970624</u> |
| <u>APPLICATION INFO.:</u> | <u>US 1995-568332</u> | | 19951206 (8) |

| | NUMBER | DATE |
|------------------------------|---------------------|----------|
| <u>PRIORITY INFORMATION:</u> | <u>CH 1994-3724</u> | 19941208 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Ramsuer, Robert W. | |
| LEGAL REPRESENTATIVE: | Mathias, Marla J. | |
| NUMBER OF CLAIMS: | 9 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 6888 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds of formula I ##STR1## wherein R_1 is a $2-R_A$ $-3-R_B$ -phenyl radical, a $2-R_A$ $-4-R_C$ -phenyl radical, a $2-R_A$ -pyridin-3-yl radical, a $3-R_A$ -pyridin-2-yl radical or a $1-R_D$ -indol-3-yl radical, wherein one of the radicals R_A and R_B is an aliphatic or heterocycloaliphatic-aliphatic radical or

free or aliphatically, araliphatically or heteroaraliphatically etherified hydroxy and the other is hydrogen, an aliphatic radical or free or esterified or amidated carboxy, R_c is hydrogen, an aliphatic radical, free or aliphatically, araliphatically, heteroaraliphatically or heteroarylaliphatically etherified hydroxy or an unsubstituted or heteroaliphatically substituted amino group, and R_D is an aliphatic, araliphatic or heteroaliphatic radical, one of the radicals X_1 and X_2 is carbonyl and the other is methylene, R_2 is an aliphatic radical, R_3 is unsubstituted or aliphatically substituted amino, R_4 is an aliphatic or araliphatic radical, and R_5 is an aliphatic or cycloaliphatic-aliphatic radical or an optionally hydrogenated and/or oxo-substituted heteroaryl radical or an optionally hydrogenated and/or oxo-substituted heteroaryl or heteroaliphatic radical bonded via a carbon atom, and the salts thereof, have renin-inhibiting properties and can be used as antihypertensive active ingredients of medicaments.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

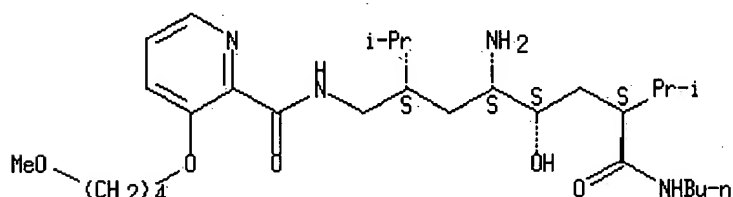
IT 179993-50-1P

(prepn. of N-[amino(hydroxy)oxooctyl]amides as renin inhibitors)

RN 179993-50-1 USPATFULL

CN 2-Pyridinecarboxamide, N-[4-amino-7-[(butylamino)carbonyl]-5-hydroxy-8-methyl-2-(1-methylethyl)nonyl]-3-(4-methoxybutoxy)-, monohydrochloride, [2S-(2R*,4R*,5R*,7R*)]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



HCl

L24 ANSWER 23 OF 106 USPATFULL

Full Text | Citing References

ACCESSION NUMBER: 97:49615 USPATFULL

TITLE: Purified form of streptogramins, its preparation and pharmaceutical compositions containing it

INVENTOR(S): Anger, Pascal, Verrieres-le-Buisson, France
Bonnaud, Bertrand, Viroflay, France
Callet, Alain, Orly, France

PATENT ASSIGNEE(S): Lefevre, Patrick, Vincennes, France
Rhone-Poulenc Rorer S.A., Antony, France (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|------------------------------|--|------|---------------------|
| PATENT INFORMATION: | US 5637565 | | 19970610 |
| APPLICATION INFO.: | US 1995-472768 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1994-197984 , filed on 17 Feb 1994, now abandoned | | |

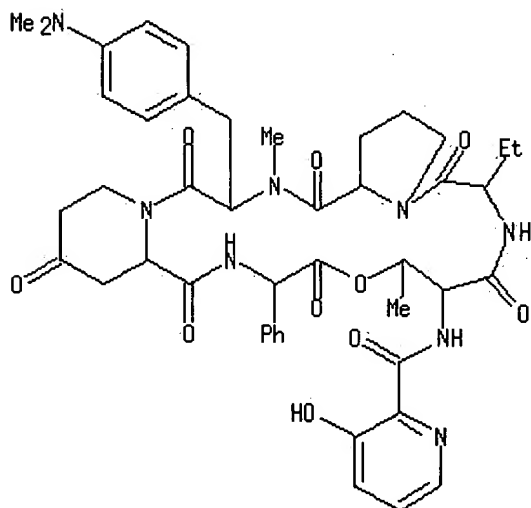
| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | FR 1993-1787 | 19930217 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Johnson, Jerry D. | |
| LEGAL REPRESENTATIVE: | Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. | |
| NUMBER OF CLAIMS: | 24 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 914 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to a purified form of streptogramins, consisting of a combination of one or more group B components of streptogramins, of general formula: ##STR1## in which A₁ is a radical of general formula: ##STR2## for which R' is H or OH and Y is H, a methylamino radical or a dimethylamino radical, R is an ethyl radical or, when R' is H, R can also represent --CH₃, and R₁ and R₂ are H, or alternatively A₁ is a radical of formula: ##STR3## R is an isobutyl radical, and R₁ is OH and R₂ is --CH₃, and one or more group A minority components of streptogramins, of general formula: ##STR4## in which R" is H or a methyl or ethyl radical, in the state of cocrystallizate, of a coprecipitate or of a physical mixture of the powders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 3131-03-1P, Streptogramin b
(pharmaceutical compns. comprising streptogramins in purified form)
RN 3131-03-1 USPATFULL
CN Pristinamycin IA (9CI) (CA INDEX NAME)



L24 ANSWER 24 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER: 97:31718 USPATFULL
TITLE: Sulfonamidocarbonyl pyridine-2-carboxesteramides and their pyridine-N-oxide compounds and their use as pharmaceuticals
INVENTOR(S): Weidmann, Klaus, Kronberg, Germany, Federal Republic of
Bickel, Martin, Bad Homburg, Germany, Federal Republic of

PATENT ASSIGNEE(S): G unzler-Pukall, Volkmar, Marburg, Germany, Federal Republic of
Hoechst Aktiengesellschaft, Frankfurt, Germany, Federal Republic of (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|----------------------------|-----------------------|------|---------------------|
| PATENT INFORMATION: | US 5620996 | | 19970415 |
| APPLICATION INFO.: | US 1995-410610 | | 19950324 (8) |

| | NUMBER | DATE |
|------------------------------|--|-----------------|
| PRIORITY INFORMATION: | DE 1994-4410480 | 19940325 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Davis, Zinna Northington | |
| LEGAL REPRESENTATIVE: | Sayles, Michael J., Maurer, Barbara V. | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 1777 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to sulfonamidocarbonylpyridine-2-carboxesteramides and their pyridine-N-oxides according to the formula I ##STR1## Said compounds are used as pharmaceuticals against fibrotic disorders, as fibrosuppressants and as inhibitors of proline hydroxylase.

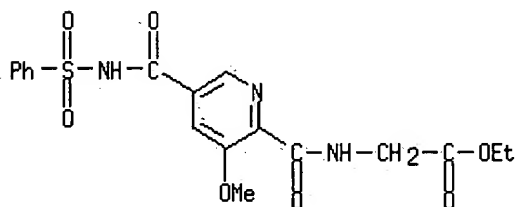
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **171726-96-8P**

(prepn. of sulfonamidocarbonylpyridine-2-carboxamides and their N-oxides as antifibrotics)

RN **171726-96-8** USPATFULL

CN Glycine, N-[[3-methoxy-5-[[[(phenylsulfonyl)amino]carbonyl]-2-pyridinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)



L24 ANSWER 25 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 97:31717 USPATFULL

TITLE: Substituted heterocyclic carboxyamides, their preparation and their use as pharmaceuticals

INVENTOR(S): Weidmann, Klaus, Kronberg, Germany, Federal Republic of
Baringhaus, Karl-Heinz, W olfersheim, Germany, Federal Republic of
Tschank, Georg, Klein-Winternheim, Germany, Federal Republic of
Bickel, Martin, Bad Homburg, Germany, Federal Republic of

PATENT ASSIGNEE(S): Hoechst Aktiengesellschaft, Frankfurt am Main, Germany, Federal Republic of (non-U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 5620995 19970415
APPLICATION INFO.: US 1994-365411 19941228 (8)

| | NUMBER | DATE |
|------------------------------|------------------------|----------|
| PRIORITY INFORMATION: | <u>DE 1993-4344958</u> | 19931230 |
| | <u>DE 1994-4439935</u> | 19941109 |

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ivy, C. Warren
ASSISTANT EXAMINER: Mach, D. Margaret M.
LEGAL REPRESENTATIVE: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.
NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
LINE COUNT: 2407

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compounds of the formula I, to a process for their preparation and to their use as pharmaceuticals. ##STR1## In particular, the compounds are used as inhibitors of prolyl-4-hydroxylase and as inhibitors of collagen biosynthesis, as pharmaceuticals against fibrotic diseases of the liver, the lung and the skin.

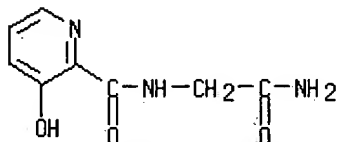
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 170689-46-0P

(prepn. of pyridylcarbonylglycines and related compds. as prolyl-4-hydroxylase inhibitors)

RN 170689-46-0 USPATFULL

CN 2-Pyridinecarboxamide, N-(2-amino-2-oxoethyl)-3-hydroxy- (9CI) (CA INDEX NAME)



L24 ANSWER 26 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER: 97:31690 USPATFULL

TITLE: 7-substituted-amino-3-substituted-3-cephem-4-carboxylic acids

INVENTOR(S): Lin, Ho-Shen, Indianapolis, IN, United States

PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|------------------------------|--|------|-----------------|
| PATENT INFORMATION: | <u>US 5620968</u> | | <u>19970415</u> |
| APPLICATION INFO.: | <u>US 1995-449129</u> | | 19950524 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. <u>US 1993-95383</u> , filed on 21 Jul 1993, now patented, Pat. No. <u>US 5525599</u> | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Ford, John M. | | |
| LEGAL REPRESENTATIVE: | Jones, Joseph A., McClain, Janet T., Sales, James J. | | |
| NUMBER OF CLAIMS: | 8 | | |

EXEMPLARY CLAIM: 1

LINE COUNT: 1163

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides compounds of the formula: ##STR1## wherein the variables are hereinbelow described; and salts thereof. Also, pharmaceutical formulations and methods for treating bacterial infections in man or other animals using the above compounds are disclosed.

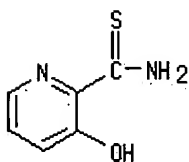
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 115299-17-7P

(prepn. of 7-amino-3-cephem-4-carboxylic acids derivs. for treatment of bacterial infections)

RN 115299-17-7 USPATFULL

CN 2-Pyridinecarbothioamide, 3-hydroxy- (9CI) (CA INDEX NAME)



L24 ANSWER 27 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER:

97:20541 USPATFULL

TITLE:

Sulfonamidocarbonylpyridine-2-carboxamides and pyridine-n-oxides which are useful as pharmaceuticals
Weidmann, Klaus, Kronberg, Germany, Federal Republic of
Bickel, Martin, Bad Homburg, Germany, Federal Republic of
G unzler-Pukall, Volkmar, Marburg, Germany, Federal Republic of

INVENTOR(S):

PATENT ASSIGNEE(S):

Hoechst Aktiengesellschaft, Frankfurt, Germany, Federal Republic of (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|----------------------------|-----------------------|------|-----------------|
| <u>PATENT INFORMATION:</u> | <u>US 5610172</u> | | <u>19970311</u> |
| <u>APPLICATION INFO.:</u> | <u>US 1995-410259</u> | | 19950324 (8) |

| | NUMBER | DATE |
|------------------------------|--------------------------|----------|
| <u>PRIORITY INFORMATION:</u> | <u>DE 1994-4410423</u> | 19940325 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Davis, Zinna Northington | |
| LEGAL REPRESENTATIVE: | Maurer, Barbara V. | |
| NUMBER OF CLAIMS: | 14 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 1729 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Sulfonamidocarbonylpyridine-2-carboxamides and their pyridine-N-oxides, process for their preparation, and their use as pharmaceuticals

The invention relates to sulfonamidocarbonylpyridine-2-carboxamides and their pyridine-N-oxides according to the formula I ##STR1## Said compounds are used as pharmaceuticals against fibrotic disorders, as

fibrosuppressants and as inhibitors of proline hydroxylase and of collagen biosynthesis.

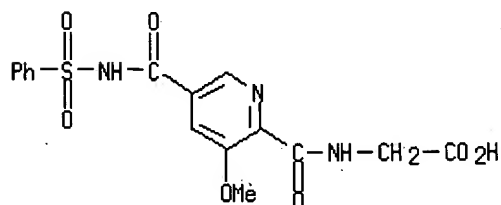
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 171726-89-9P

(prepn. of 5-(sulfonamidocarbonyl)pyridine-2-carboxamides as fibrosis inhibitors)

RN 171726-89-9 USPATFULL

CN Glycine, N-[[3-methoxy-5-[[[(phenylsulfonyl)amino]carbonyl]-2-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



L24 ANSWER 28 OF 106 USPATFULL

| Full Text | Citing References |
|-----------|-------------------|
|-----------|-------------------|

ACCESSION NUMBER:

97:18151 USPATFULL

TITLE:

Cephalosporin antibiotics

INVENTOR(S):

Hecker, Scott J., Los Gatos, CA, United States
Cho, In-Seop, Mountain View, CA, United States
Christensen, Burton G., Lebanon, NJ, United States
Glinka, Tomasz W., Sunnyvale, CA, United States

PATENT ASSIGNEE(S):

Microcide Pharmaceuticals, Inc., Mountain View, CA, United States (U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION:

US 5607926 19970304

APPLICATION INFO.:

US 1995-413714 19950329 (8)

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. US 1995-369798, filed on 6 Jan 1995 which is a continuation-in-part of Ser. No. US 1994-222262, filed on 1 Apr 1994, now abandoned

DOCUMENT TYPE:

Utility

FILE SEGMENT:

Granted

PRIMARY EXAMINER:

Datlow, Philip I.

ASSISTANT EXAMINER:

Wong, King Lit

LEGAL REPRESENTATIVE:

Lyon & Lyon

NUMBER OF CLAIMS:

15

EXEMPLARY CLAIM:

1

LINE COUNT:

3623

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention includes novel (7R)-7-(acylamino)-3-(arythio)-3-cephem-4-carboxylic acids or their pharmacologically acceptable salts which exhibit antibiotic activity against a wide spectrum of organisms including organisms which are resistant to β -lactam antibiotics and are useful as antibacterial agents. The invention also relates to novel intermediates useful for making the novel compounds of the present invention and to novel methods for producing the novel compounds and intermediate compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

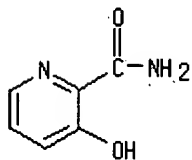
IT 933-90-4, 3-Hydroxypicolinamide

(prepn. of arylthio substituted cepheams active against methicillin

resistant bacteria)

RN 933-90-4 USPATFULL

CN 2-Pyridinecarboxamide, 3-hydroxy- (9CI) (CA INDEX NAME)



L24 ANSWER 29 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER:

97:14694 USPATFULL

TITLE:

Cephalosporin antibiotics

INVENTOR(S):

Hecker, Scott, Los Gatos, CA, United States
 Cho, In-Seop, Mountainview, CA, United States
 Christensen, Burton, Lebanon, NJ, United States
 Glinka, Tomasz, Sunnyvale, CA, United States
 Lee, Ving J., Los Altos, CA, United States

PATENT ASSIGNEE(S):

Microcide Pharmaceuticals, Inc., Mountain View, CA,
 United States (U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION:**US 5604218** **19970218****APPLICATION INFO.:****US 1995-413712** **19950330** (8)**RELATED APPLN. INFO.:**

Continuation-in-part of Ser. No. US 1995-369798, filed
 on 6 Jan 1995 which is a continuation-in-part of Ser.
 No. US 1994-222262, filed on 1 Apr 1994, now abandoned

DOCUMENT TYPE:

Utility

FILE SEGMENT:

Granted

PRIMARY EXAMINER:

Datlow, Philip I.

ASSISTANT EXAMINER:

Wong, King Lit

LEGAL REPRESENTATIVE:

Lyon & Lyon

NUMBER OF CLAIMS:

13

EXEMPLARY CLAIM:

1

LINE COUNT:

3592

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB

The present invention includes novel (7R)-7-(acylamino)-3-(aryltio)-3-cephem-4-carboxylic acids or their pharmacologically acceptable salts which exhibit antibiotic activity against a wide spectrum of organisms including organisms which are resistant to β -lactam antibiotics and are useful as antibacterial agents. The invention also relates to novel intermediates useful for making the novel compounds of the present invention and to novel methods for producing the novel compounds and intermediate compounds.

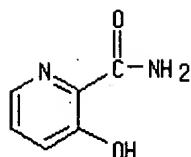
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 933-90-4

(synthesis and bactericidal activity of cephalosporin antibiotics)

RN 933-90-4 USPATFULL

CN 2-Pyridinecarboxamide, 3-hydroxy- (9CI) (CA INDEX NAME)



L24 ANSWER 30 OF 106 USPATFULL

| | |
|--------------|----------------------|
| Full Text | Citing References |
|--------------|----------------------|

ACCESSION NUMBER: 97:3833 USPATFULL
 TITLE: Cephalosporin antibiotics
 INVENTOR(S): Christensen, Burton G.; Lebanon, NJ, United States
 Cho, In-Seop, Mountain View, CA, United States
 Glinka, Tomasz W., Sunnyvale, CA, United States
 Hecker, Scott J., Los Gatos, CA, United States
 PATENT ASSIGNEE(S): Microcide Pharmaceuticals, Inc., Mountain View, CA,
 United States (U.S. corporation)

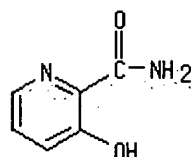
| | NUMBER | KIND | DATE |
|------------------------------|---|------|---------------------|
| PATENT INFORMATION: | US 5593986 | | 19970114 |
| APPLICATION INFO.: | US 1995-415069 | | 19950329 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. <u>US 1995-369798</u> , filed on 6 Jan 1995 which is a continuation-in-part of Ser. No. <u>US 1994-222262</u> , filed on 1 Apr 1994, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Datlow, Philip I. | | |
| ASSISTANT EXAMINER: | Wong, King Lit | | |
| LEGAL REPRESENTATIVE: | Lyon & Lyon | | |
| NUMBER OF CLAIMS: | 22 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 3840 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention includes novel (7R)-7-(acylamino)-3-(arylthio)-3-cephem-4-carboxylic acids or their pharmacologically acceptable salts which exhibit antibiotic activity against a wide spectrum of organisms including organisms which are resistant to β -lactam antibiotics and are useful as antibacterial agents. The invention also relates to novel intermediates useful for making the novel compounds of the present invention and to novel methods for producing the novel compounds and intermediate compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 933-90-4, 3-Hydroxypicolinamide
 (synthesis and bactericidal activity of cephalosporin antibiotics)
 RN 933-90-4 USPATFULL
 CN 2-Pyridinecarboxamide, 3-hydroxy- (9CI) (CA INDEX NAME)



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(FILE 'HOME' ENTERED AT 08:31:38 ON 16 JUN 2003)

FILE 'REGISTRY' ENTERED AT 08:31:45 ON 16 JUN 2003

L1 STRUCTURE UPLOADED
L2 50 S L1
L3 STRUCTURE UPLOADED
L4 3167 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 08:46:09 ON 16 JUN 2003

L5 1379 S L4
L6 STRUCTURE UPLOADED
S L6

FILE 'REGISTRY' ENTERED AT 08:51:13 ON 16 JUN 2003

L7 50 S L6

FILE 'HCAPLUS' ENTERED AT 08:51:14 ON 16 JUN 2003

L8 27 S L7

FILE 'REGISTRY' ENTERED AT 08:51:22 ON 16 JUN 2003

L9 STRUCTURE UPLOADED
L10 50 S L9
L11 2695 S L9 FULL
L12 STRUCTURE UPLOADED
L13 STRUCTURE UPLOADED
L14 STRUCTURE UPLOADED
L15 50 S L14
L16 2695 S L15 FULL

FILE 'HCAPLUS' ENTERED AT 08:58:49 ON 16 JUN 2003

L17 1293 S L16
L18 832 S L17 AND PD < DECEMBER 1998
L19 0 S L18 AND KEIICHI, C?/AU
L20 0 S L18 AND IMAMURA, K?/AU
L21 0 S L18 AND MITOMO, K?/AU

FILE 'USPATFULL' ENTERED AT 09:01:13 ON 16 JUN 2003

L22 106 S L18
L23 173 S L16
L24 106 S L23 AND PD < DECEMBER 1998

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

265.88

753.45

FILE 'CAOLD' ENTERED AT 09:03:31 ON 16 JUN 2003

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE

display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 08:31:38 ON 16 JUN 2003)

FILE 'REGISTRY' ENTERED AT 08:31:45 ON 16 JUN 2003

L1 STRUCTURE UPLOADED
L2 50 S L1
L3 STRUCTURE UPLOADED
L4 3167 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 08:46:09 ON 16 JUN 2003

L5 1379 S L4
L6 STRUCTURE UPLOADED
 S L6

FILE 'REGISTRY' ENTERED AT 08:51:13 ON 16 JUN 2003

L7 50 S L6

FILE 'HCAPLUS' ENTERED AT 08:51:14 ON 16 JUN 2003

L8 27 S L7

FILE 'REGISTRY' ENTERED AT 08:51:22 ON 16 JUN 2003

L9 STRUCTURE UPLOADED
L10 50 S L9
L11 2695 S L9 FULL
L12 STRUCTURE UPLOADED
L13 STRUCTURE UPLOADED
L14 STRUCTURE UPLOADED
L15 50 S L14
L16 2695 S L15 FULL

FILE 'HCAPLUS' ENTERED AT 08:58:49 ON 16 JUN 2003

L17 1293 S L16
L18 832 S L17 AND PD < DECEMBER 1998
L19 0 S L18 AND KEIICHI, C?/AU
L20 0 S L18 AND IMAMURA, K?/AU
L21 0 S L18 AND MITOMO, K?/AU

FILE 'USPATFULL' ENTERED AT 09:01:13 ON 16 JUN 2003

L22 106 S L18
L23 173 S L16
L24 106 S L23 AND PD < DECEMBER 1998

FILE 'CAOLD' ENTERED AT 09:03:31 ON 16 JUN 2003

=> sl 16

SL IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> s l16

L25 63 L16

=> d 125, 1-63, all

L25 ANSWER 1 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA65:19159d CAOLD

TI inhibition by mikamycins of polypeptide synthesis directed by native messengers and synthetic polynucleotides

AU Yamaguchi, Hideyo; Yoshida, Y.; Tanaka, N.

IT 4460-65-5 11015-24-0 21411-53-0

L25 ANSWER 2 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA65:17263h CAOLD

TI inhibition of protein synthesis by polypeptide antibiotics - (III) ribosomal site of inhibition

AU Ennis, Herbert L.

IT 3131-03-1

L25 ANSWER 3 OF 63. CAOLD COPYRIGHT 2003 ACS

AN CA65:13826a CAOLD

TI circular dichroism measurements of benzyl L-aspartate-nitrobenzyl L-aspartate copolymers and their use in detecting and characterizing preferred polymer conformations

AU Bradley, Dan F.; Goodman, M.; Felix, A. M.; Records, R.

IT 2177-63-1 3131-03-1 3940-63-4 14014-70-1

L25 ANSWER 4 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA65:12592b CAOLD

TI microbial metabolism of actinomycins and other heterodetic antibiotic peptides

AU Perlman, David; Mauger, A. B.; Weissbach, H.

IT 299-20-7 13473-49-9 14895-92-2

L25 ANSWER 5 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA65:9379d CAOLD

TI effects of vernamycins on aminoacyl-transfer ribonucleic acid binding to Escherichia coli ribosomes

AU Laskin, Allen I.; Chan, W. M.

IT 3131-03-1

L25 ANSWER 6 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA65:2927h CAOLD

TI tests of some antibiotics and other chemosterilants on the green peach aphid

AU Harries, Ford H.; Wiles, W. G.

IT 61-33-6 95-94-3 297-95-0 299-20-7 303-81-1 1381-33-5
1400-95-9 1402-84-2 1403-17-4 1403-76-5 1404-55-3 1404-90-6
1405-32-9 1405-46-5 11011-74-8 11012-72-9 11021-88-8

L25 ANSWER 7 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA64:15835b CAOLD

TI transformations of tetrahydrofurano[3,4:3',2']-1,2,3,4-tetrahydroquinolines

AU Povarov, L. S.; Grigos, V. I.; Yakovlev, I. P.; Mikhailov, B. M.

IT 1019-31-4 5548-70-9 5603-02-1 5603-03-2 5603-04-3 5603-05-4
5603-06-5 5603-07-6 5603-10-1 5603-11-2 5970-85-4 6059-29-6
10020-64-1

L25 ANSWER 8 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA64:11708c CAOLD

TI antibiotics affecting chloramphenicol uptake by bacteria-their effect on amino acid incorporation in a cell-free system

AU Vazquez, D.
 IT 299-20-7 497-72-3 2520-21-0 14052-59-6 21411-53-0

L25 ANSWER 9 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA64:11708a CAOLD

TI binding of chloramphenicol to ribosomes-effect of a no. of antibiotics

AU Vazquez, D.

IT 90-91-5 299-20-7 491-83-8 497-72-3 1401-44-1 1402-83-1
2520-21-0 4302-89-0 4302-95-8 4564-87-8 8025-81-8 11031-71-3
14052-59-6 20283-49-2

L25 ANSWER 10 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA64:11702e CAOLD

TI mode of action of streptogramin

AU Vazquez, D.

IT 51-41-2 1401-44-1 11031-71-3 11031-72-4

L25 ANSWER 11 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA64:11181c CAOLD

TI hypotensive compns.

PA Smith Kline & French Laboratories

DT Patent

PATENT NO. KIND DATE

PI GB 1020060

IT 5371-69-7 5371-70-0 5371-76-6 5371-82-4 5371-83-5 5371-84-6
5371-85-7 5371-86-8 5371-88-0 5592-41-6 5997-88-6 6485-03-6
15847-88-8

L25 ANSWER 12 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA64:8151h CAOLD

TI picolinic acid derivs.

AU Renk, Ernst; Clauson-Kaas, N.

DT Patent

PATENT NO. ° KIND DATE

PI US 3228950 1966

IT 933-90-4 1008-45-3 1010-86-2 1010-87-3 1010-88-4
1016-27-9 1016-28-0 1019-30-3 1019-31-4 1019-32-5
1022-50-0 1022-51-1 1022-52-2 1025-66-7 1025-67-8
1025-68-9 1025-69-0 1025-70-3 1029-33-0 1032-85-5
1033-36-9 1037-26-9 1037-63-4 1040-13-7 1044-21-9
1076-23-9 1077-91-4 1079-40-9 1079-41-0 1081-02-3
1082-59-3 1082-60-6 1082-61-7 1084-38-4 1084-61-3
1085-29-6 1085-30-9 1085-31-0 1085-36-5 1086-61-9
1086-62-0 1086-63-1 1086-64-2 1087-20-3 1087-30-5
1088-49-9 1088-50-2 1088-51-3 1088-88-6 1089-22-1
1089-26-5 1092-35-9 1094-48-0 1196-30-1 1206-86-6
1206-87-7 1214-46-6 1215-75-4 1215-88-9 1218-33-3
1221-97-2 1221-98-3 1223-25-2 1226-13-7 1229-99-8
1446-20-4 1920-55-4 2052-55-3 3373-02-2 3750-46-7
3920-61-4 4911-16-4 5004-83-1 5006-13-3

L25 ANSWER 13 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA64:7214h CAOLD

TI urinary excretion of certain compds. following the oral administration of

pristinamycin

AU Jolles, Georges; Terlain, B.; Thomas, J. P.

IT 992-77-8 3131-03-1 3458-69-3

L25 ANSWER 14 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA64:5635g CAOLD

TI effects of antimicrobial agents on ribonucleic acid polymerase

AU Waring, Michael J.

IT 50-07-7 53-79-2 140-64-7 299-20-7 304-43-8 668-72-4
985-32-0 1239-45-8 3237-52-3 3237-53-4 3308-31-4 3314-05-4
23152-29-6

L25 ANSWER 15 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA64:4194f CAOLD

TI field trials for chem. control of seedpiece decay and blackleg of potato

AU Duncan, H. E.; Gallegly, M. E.

IT 60-57-1 133-06-2 142-14-3 299-20-7 301-03-1 303-81-1
1393-90-4 3688-73-1

L25 ANSWER 16 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:16300g CAOLD

TI synthesis of some 1-substituted 3-carbalkoxy-4-piperidone hydrochlorides

AU Hoffman, Norman E.; Erinjeri, A.

IT 1196-30-1 3971-80-0 3971-81-1 3971-82-2 3971-83-3
3971-84-4 4046-08-6

L25 ANSWER 17 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA63:16300d CAOLD

TI prepn. of derivs. of 3-hydroxypicolinic acid from furfural

AU Clauson-Kaas, Niels; Petersen, J. B.; Soerensen, G. O.; Olsen, G.; Janse, G.

DT Patent

PATENT NO. KIND DATE

PI NL 6405309

FR 1402986

GB 1033485

IT 874-24-8 932-29-6 932-35-4 933-90-4 939-01-5 3157-34-4
3971-65-1 3971-72-0 3971-76-4 3971-77-5 3971-78-6 3979-49-5
3979-50-8 4595-88-4

L25 ANSWER 18 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:15251c CAOLD

TI inhibition of protein synthesis by polypeptide antibiotics - (I)
inhibition of intact bacteria, (II) protein synthesis

AU Ennis, Herbert L.

IT 3131-03-1

L25 ANSWER 19 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:15211c CAOLD

TI detn. of indole derivs. in plant material - (IV) colorimetric and
fluorimetric detn. of substance C

AU Valenta, Miloslav; Kutacek, M.; Sanda, V.

IT 3131-03-1

L25 ANSWER 20 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:14976e CAOLD

TI synthesis of a peptide lactone related to vernamycin B α

AU Ondetti, Miguel A.; Thomas, P. L.
 IT 1145-79-5 2105-09-1 2899-07-2 2899-08-3 2899-10-7 2899-11-8
2900-15-4 2900-16-5 2900-17-6 2900-18-7 2900-20-1 2900-21-2
2900-22-3 2900-24-5 2900-25-6 2900-26-7 2900-27-8 2900-28-9
3090-06-0 3601-66-9 19516-11-1 19516-50-8 95632-85-2 98250-50-1
101520-86-9 102030-23-9

L25 ANSWER 21 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:13410d CAOLD

TI Production and Use of Glutamic Acid and Na Glutamate (book)

AU Zhushman, A. I.

DT Book

IT 2545-40-6 3397-52-2 3397-54-4 3877-73-4 4630-58-4

L25 ANSWER 22 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:13408a CAOLD

TI pristinamycin-synthesis of the linear heptapeptide and oligopeptides corresponding to the IA constituent of pristinamycin

AU Jolles, Georges; Poiget, G.; Robert, J.; Terlain, B.; Thomas, J. P.

TI synthesis of peptides

AU Nowak, Kornel; Morawiec, J.

IT 1019-31-4 2812-46-6 3131-03-1 3458-69-3 3471-66-7
3471-67-8 3471-68-9 3471-69-0 3471-70-3 3471-72-5 3471-73-6
3471-74-7 3727-81-9 3760-02-9 3760-04-1 3809-25-4
3828-58-8 3828-59-9 3828-60-2 3828-62-4 3828-63-5 3828-64-6
3828-65-7 3828-66-8 3828-68-0 3828-69-1 3873-21-0 3904-60-7
3930-94-7 3956-66-9 3956-67-0 3960-56-3 3960-57-4 3960-58-5
3960-59-6 3960-61-0 3960-62-1 3960-63-2 3960-65-4 3960-72-3
4003-55-8 4086-04-8 4421-65-2 4500-93-0 4700-55-4 7295-68-3
14228-16-1 62202-31-7 92249-25-7 93218-67-8 94801-89-5 98692-67-2
107331-17-9 108021-68-7

L25 ANSWER 23 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:10505b CAOLD

TI metabolic investigations on pristinamycin

AU Jolles, Georges; Terlain, B.; Thomas, J. P.

IT 874-24-8 3131-03-1 3458-69-3

L25 ANSWER 24 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:4834c CAOLD

TI autoradiographic investigation of the distribution of the I-A constituent of pristinamycin

AU Benazet, Francis; Bourat, G.

IT 3131-03-1

L25 ANSWER 25 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA63:2852b CAOLD

TI systematic analysis of antibiotics

AU Betina, Vladimir

IT 67-99-2 83-85-2 85-23-4 90-65-3 121-40-4 125-65-5
126-07-8 299-20-7 427-63-4 476-45-9 477-99-6 478-05-7
483-53-4 483-60-3 490-02-8 501-30-4 518-75-2 525-94-0
549-23-5 611-68-7 641-38-3 1026-08-0 1086-03-9 1146-04-9
1149-99-1 1218-74-2 1403-56-1 1438-30-8 3306-52-3 6379-65-3
6379-69-7 11003-23-9 20350-15-6 23537-16-8 56784-00-0 84277-18-9

L25 ANSWER 26 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA62:13547f CAOLD

TI mikamycins

AU Yonehara, Hiroshi; Tanaka, N.; Watanabe, K.; Yamaguchi, H.; Umezawa, H.

IT 4460-65-5 21411-53-0

L25 ANSWER 27 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA62:12184f CAOLD

TI action of etamycin

AU Garcia-Mendoza, Concepcion

IT 299-20-7

L25 ANSWER 28 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA62:10291e CAOLD

TI antibiotic from two compds. with synergistic activity-pristinamycin

AU Preud'homme, Jean; Belloc, A.; Charpentie, I.; Tarridec, P.

IT 3131-03-1 21102-49-8 21411-53-0 57206-54-9

L25 ANSWER 29 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA62:7862f CAOLD

TI structures of vernamycin B antibiotics

AU Bodanszky, Miklos; Ondetti, M. A.

IT 3131-03-1 28979-74-0 29139-17-1 57206-54-9

L25 ANSWER 30 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA62:4011f CAOLD

TI purification of bipyridenes

PA Imperial Chemical Industries Ltd.

DT Patent

| PATENT NO. | KIND | DATE |
|------------|-------|-------|
| ----- | ----- | ----- |

PI NL 6401239

BE 643687

DE 1225181

FR 1382605

GB 1043356

IT 1076-23-9 1082-60-6 1084-38-4 1085-30-9 1085-31-0

1206-86-6 1206-87-7 1214-46-6 1215-75-4 96712-86-6

L25 ANSWER 31 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA62:4010h CAOLD

TI 3-hydroxy-N-(alkyl or aryl)picolinamides

PA Geigy, J. R., A.-G.

DT Patent

TI pyridine from cyanopyridines

AU Yeomans, Bertram

PA Distillers Co. Ltd.

DT Patent

| PATENT NO. | KIND | DATE |
|------------|-------|-------|
| ----- | ----- | ----- |

PI FR 1374711

BE 639691

GB 1032889

GB 1032890

NL 300271

PI GB 976440

IT 100-48-1 100-54-9 1008-45-3 1010-86-2 1010-87-3

1010-88-4 1016-27-9 1016-28-0 1019-30-3 1019-31-4

1019-32-5 1022-50-0 1022-51-1 1022-52-2 1025-66-7

1025-67-8 1025-68-9 1025-69-0 1025-70-3 1029-32-9

1029-33-0 1032-85-5 1033-36-9 1037-26-9 1037-62-3
1037-63-4 1040-13-7 1044-21-9 1077-91-4 1079-40-9
1079-41-0 1081-02-3 1082-59-3 1082-61-7 1084-61-3
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1920-55-4 2052-55-3 3373-02-2 3750-46-7 3920-61-4

L25 ANSWER 32 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA62:532e CAOLD
 TI 3-hydroxypicolinic acids
 PA Geigy, J. R., A.-G.
 DT Patent
 PATENT NO. KIND DATE

PI FR 1372758
BE 637861
GB 1038342
NL 298384
 IT 874-24-8 932-29-6 932-35-4 933-90-4 939-01-5 1194-89-4

L25 ANSWER 33 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA61:14468e CAOLD
 TI systematic analysis of antibiotics
 AU Betina, Vladimir
 IT 67-99-2 83-85-2 85-23-4 90-65-3 125-65-5 299-20-7
476-45-9 477-99-6 478-05-7 483-53-4 483-60-3 490-02-8
525-94-0 549-23-5 641-38-3 1086-03-9 1146-04-9 1149-99-1
1218-74-2 1403-56-1 1476-53-5 3306-52-3 6379-69-7 11003-23-9
23537-16-8 56784-00-0 71484-65-6 84277-18-9 98999-67-8

L25 ANSWER 34 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA61:8394h CAOLD
 TI structure of doricin, a peptide related to the vernamycin B group
 AU Bodanszky, Miklos; Sheehan, J. T.
 IT 14014-70-1

L25 ANSWER 35 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA60:11974c CAOLD
 TI aminomethoxypyridines and corresponding sulfanilamides
 AU Urban, Rene; Schnider, O.
 IT 1216-99-5 1217-00-1 1824-81-3 2092-44-6 5244-32-6 10167-97-2
10201-73-7 13602-61-4 17325-39-2 18437-58-6 20265-39-8 20826-03-3
22353-34-0 22620-27-5 24242-19-1 26752-05-6 28020-37-3 29681-46-7
30766-22-4 32654-49-2 36340-61-1 40334-96-1 51269-81-9 51468-07-6
64436-92-6 65873-70-3 73498-02-9 75851-89-7 76066-09-6 78156-35-1
79055-63-3 88617-84-9 88617-85-0 88617-86-1 88617-87-2 88617-88-3
88617-89-4 89464-77-7 89466-18-2 89831-00-5 89831-01-6 89853-73-6
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90007-27-5 90197-37-8 90345-22-5 90437-86-8 90557-01-0 90607-55-9
90764-84-4 90874-10-5 91396-96-2 91607-05-5 92194-24-6 92260-01-0
92376-52-8 92376-53-9 92376-54-0 92376-55-1 92376-56-2 92376-57-3
92475-07-5 92548-41-9 92548-55-5 92548-56-6 92576-85-7 92724-05-5
93188-46-6 93188-47-7 93865-65-7 93865-66-8 93898-23-8 93898-65-8
93898-71-6 94672-76-1 96431-36-6 96431-37-7 96471-34-0 97197-67-6
98018-61-2 98028-97-8

L25 ANSWER 36 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA60:1539c CAOLD

TI application of thin-layer chromatography for sepn. and identification of antibiotics

AU Ikekawa, Tetsuro; Iwami, F.; Akita, E.; Umezawa, H.

IT 87-11-6 299-20-7 522-70-3 539-35-5 574-95-8 1404-80-4
3552-16-7 6379-56-2 6834-98-6 12656-40-5 19721-56-3 54003-27-9

L25 ANSWER 37 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA59:11933f CAOLD

TI antibiotics which affect protein synthesis-uptake of chloramphenicol-14C by bacteria

AU Vazquez, D.

IT 3131-03-1

L25 ANSWER 38 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA59:11419e CAOLD

TI antituberculous substances based on meconic acid

AU Goryaev, M. I.; Bazalitskaya, V. S.

IT 497-59-6 499-78-5 89213-19-4 89285-16-5 89853-21-4 89854-40-0
89897-51-8 93087-10-6 95221-45-7 96069-21-5 97979-42-5 98274-74-9
100064-20-8 100337-09-5 100738-43-0 100738-47-4 100738-51-0
101230-28-8 101319-47-5 101656-94-4 102345-84-6 103005-87-4 104424-08-0
105068-17-5 106302-81-2 106742-63-6

L25 ANSWER 39 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA59:3886a CAOLD

TI acylpyridines - (III) reaction of 1-methoxy-4-alkoxy-pyridinium salts with KCN

AU Nishimoto, Nobushige; Nakashima, T.

IT 620-08-6 4663-95-0 16569-02-1 29181-50-8 33399-46-1 36057-44-0
54089-05-3 55309-57-4 90007-25-3 90151-10-3 90559-36-7 92204-23-4
94866-27-0 95875-96-0 98738-98-8

L25 ANSWER 40 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA58:14478e CAOLD

TI synergism of viridogrisein and griseoviridin

AU Magyar, Karoly; Stverteczky, J.; Horvath, I.

IT 299-20-7

L25 ANSWER 41 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA57:1387a CAOLD

TI viridogrisein and its production with griseoviridin

AU Bartz, Quentin R.; Ehrlich, J.; Knudsen, M. P.; Smith, R. M.

PA Parke, Davis & Co.

DT Patent

| PATENT NO. | KIND | DATE |
|------------|------|------|
| US 3023204 | | 1962 |

PI US 3023204 1962

IT 299-20-7

L25 ANSWER 42 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA56:11718e CAOLD

TI sepn. of a mixt. of two or more factors of the ostreogrycin group

AU Fantes, Karl H.; Boothroyd, B.

PA Glaxo Group Ltd.
 DT Patent
 PATENT NO. KIND DATE

PI DE 1120634
US 3070505 1962
 IT 3131-03-1

L25 ANSWER 43 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA56:10091i CAOLD

TI oxidn. of 2-methyl-5-ethylpyridine to isocinchomeric acid

AU Kato, Tokio; Tsunoda, Y.

IT 91953-44-5 92547-09-6 93085-69-9 93945-45-0

L25 ANSWER 44 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA56:10090h CAOLD

TI N-oxide substituted picolinic acids

AU Profft, Elmar; Steinke, W.

IT 620-08-6 824-40-8 14933-78-9 17209-50-6 23469-93-4 30062-31-8
35895-54-6 60923-20-8 62150-49-6 72960-93-1 78257-51-9 78901-23-2
78901-24-3 86251-47-0 88618-18-2 89380-73-4 89488-07-3 89581-60-2
89598-93-6 89639-99-6 89694-09-7 89694-22-4 89711-75-1
89853-95-2 90007-52-6 90007-69-5 90048-09-2 90346-90-0
90437-85-7 90438-14-5 90535-58-3 90607-56-0 90610-55-2
90648-72-9 91367-93-0 91953-43-4 92059-43-3 92059-46-6 92253-72-0
92259-51-3 92431-20-4 92695-57-3 92695-61-9 92695-67-5 92722-53-7
92961-27-8 93004-18-3 93483-95-5 94328-53-7 94328-54-8 96181-45-2
97022-83-8 111164-55-7

L25 ANSWER 45 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA56:7669a CAOLD

TI proposed mol. models - (II) conformations of staphylomycin and other polypeptides, and a possible relation to the structure of water

AU Warner, Donald T.

IT 2791-05-1 23152-29-6

L25 ANSWER 46 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA56:5155b CAOLD

TI antibiotics and potato ring rot in Alaska

AU Logsdon, Charles E.

IT 299-20-7

L25 ANSWER 47 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA56:2517i CAOLD

TI ostreogrycin antibiotics, solubilization of

PA Glaxo Group Ltd.

DT Patent

TI solubilization of ostreogrycin antibiotics

AU Smith, E. Lester

DT Patent

PATENT NO. KIND DATE

PI GB 875702

IT 3131-03-1

L25 ANSWER 48 OF 63 CAOLD COPYRIGHT 2003 ACS

Full
Text

AN CA55:27768e CAOLD
 TI purification of a mixt. of mikamycin A and B
 AU Sumiki, Yusuke; Umezawa, H.; Matsudaira, S.; Watanabe, K.; Okabayashi, M.; Tanaka, T.
 PA Kanegafuchi Chemical Industry Co., Ltd.
 DT Patent
 PATENT NO. KIND DATE

 PI JP 61006549 1961
 FR 1349946
 IT 3131-03-1 21411-53-0

L25 ANSWER 49 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA55:25943i CAOLD
 TI reactions with HNO₂ of derivs. of 4-aminopyridine, substituted in position 2 or 2 and 6 - (V) 4-aminopicolinic acid and its amide and 2-cyano-4-aminopyridine
 AU Talik, Tadeusz; Plazek, E.
 IT 22468-26-4 89488-63-1 98139-15-2 99971-30-9 100047-35-6 100047-36-7
100123-05-5 100137-47-1 100137-48-2

L25 ANSWER 50 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA55:13550h CAOLD
 TI metabolic spectra - (VI) evaluation of the synergistic action between PA 114 A and B
 AU Cheng, Lorraine; Van Straten, S.; Snell, J. F.
 IT 3131-03-1

L25 ANSWER 51 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA55:9558d CAOLD
 TI evaluation of various antibiotics against a Mycoplasma gallinarum infection in eggs
 AU Popken, F. E.; Clemente, J.; Kiser, J. S.
 IT 299-20-7 987-02-0 53216-90-3 106276-91-9

L25 ANSWER 52 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA55:1634i CAOLD
 TI mechanism and scope of an N-oxide rearrangement
 AU Habib, M. S.; Rees, C. W.
 IT 123-33-1 767-71-5 874-24-8 931-18-0 1082-59-3 1084-38-4
1204-75-7 2311-82-2 4860-71-3 5436-01-1 6931-16-4 10354-53-7
13021-13-1 18559-42-7 27411-63-8 29745-44-6 33498-11-2 53105-32-1
61070-99-3 61296-10-4 84689-36-1 88614-00-0 90323-01-6 90946-38-6
91768-58-0 91977-64-9 92504-76-2 98136-34-6 98139-10-7 100115-25-1
100394-86-3 100723-89-5 100724-13-8 100724-34-3 100880-54-4 101117-57-1
101291-95-6 101444-29-5 101444-61-5 101450-89-9 101868-14-8 101868-18-2
101895-29-8 102452-38-0 102452-44-8 102755-84-0 102755-85-1 103646-46-4
103647-58-1 103647-62-7 103856-60-6 105339-39-7 106951-40-0 107151-87-1
108954-52-5 108983-28-4 108990-49-4 109017-31-4 109017-32-5 109039-05-6
109093-21-2 109724-65-4 110531-76-5 111067-37-9 111067-54-0 111441-49-7
112116-68-4 114911-19-2 114911-20-5 114911-21-6 118726-93-5 132648-73-8

L25 ANSWER 53 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA54:21081a CAOLD
 TI antibiotics of the ostreogrycin complex - (I) structure of E129B
 AU Eastwood, F. W.; Snell, B. K.; Todd, A.
 IT 69-91-0 874-24-8 933-90-4 3471-72-5 7295-68-3 7568-92-5
92034-78-1 98455-68-6 99979-55-2 100708-62-1 105181-37-1 108021-68-7
108653-16-3 109940-57-0 131868-40-1

L25 ANSWER 54 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA54:21080g CAOLD
 TI mechanism of the reaction of phenyliodoso compds. with some
 β -diketones
 AU Neilands, O.; Vanags, G.
 IT 3131-03-1 3240-34-4 17281-65-1 37070-76-1 63446-49-1 76182-89-3
90269-22-0

L25 ANSWER 55 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA54:17279b CAOLD
 TI peptide synthesis via amino acid active esters-base catalyzed racemization
 of peptide active esters
 AU Stueben, Kenneth C.
 TI structure of staphylomycin
 AU Vanderhaeghe, Herbert; Parmentier, G.
 IT 69-91-0 874-24-8 2439-61-4 3760-02-9 23152-29-6 65060-18-6

L25 ANSWER 56 OF 63 CAOLD COPYRIGHT 2003 ACS
 Full
 Text
 AN CA54:15827f CAOLD
 TI antibiotic P.A. 114
 PA Pfizer, Chas., & Co., Inc.
 DT Patent
 TI antibiotics P. A. 114A and P. A. 114B
 AU Sobin, Ben A.; Celmer, W. D.; English, A. R.; Routien, J. B.; Lees, T. M.
 DT Patent
 PATENT NO. KIND DATE

 PI GB 819872
 IT 3131-03-1

L25 ANSWER 57 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA53:20053e CAOLD
 TI reaction of N- and O-alkylchelidamic acids with thionyl chloride
 AU Markees, D. G.
 IT 85-02-9 229-87-8 230-27-3 4722-94-5 5371-70-0 6317-46-0
39076-99-8 41600-42-4 52062-26-7 60494-50-0 60494-51-1 71022-75-8
71045-38-0 85238-97-7 88912-25-8 98138-06-8 98141-39-0 98273-19-9
98588-84-2 99979-20-1 101654-77-7 101935-92-6 102079-61-8 102479-71-0

L25 ANSWER 58 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA53:14170i CAOLD
 TI structure of etamycin
 AU Sheehan, John C.; Zachau, H. G.; Lawson, W. B.
 IT 299-20-7 445-32-9

L25 ANSWER 59 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA53:10210c CAOLD
 TI structure of viridogrisein
 AU Arnold, R. B.; Johnson, A. W.; Mauger, A. B.
 IT 299-20-7 526-41-0 874-24-8 933-90-4 4125-87-5 73406-50-5

L25 ANSWER 60 OF 63 CAOLD COPYRIGHT 2003 ACS
 AN CA53:3210d CAOLD
 TI antitubercular compds. - (VI) synthesis of the dihydrazide of
 3,4-dihydroxypyridine-2,6-dicarboxylic acid and its hydrazones with BzH
 and vanillin

AU Volkova, V. S.; Goryaev, M. I.
 IT 89854-40-0 100064-20-8 101230-28-8 103391-36-2

L25 ANSWER 61 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA53:403c CAOLD

TI cyclic N,N'-dialkyltetraethiadiimides

AU Becke-Goehring, Margot; Jenne, H.

TI structure of etamycin

AU Sheehan, John C.; Zachau, H. G.; Lawson, W. B.

IT 299-20-7 526-41-0 874-24-8 2109-97-9 2109-98-0 3129-54-2
4125-87-5 23960-70-5 26500-64-1 40581-37-1 92851-65-5 101294-31-9
109402-10-0 121526-28-1

L25 ANSWER 62 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA52:1065e CAOLD

TI structure of etamycin

AU Sheehan, John C.; Zachau, H. G.; Lawson, W. B.

IT 299-20-7

L25 ANSWER 63 OF 63 CAOLD COPYRIGHT 2003 ACS

AN CA51:2775i CAOLD

TI synthesis of 5-amino-7-hydroxy-1,3,4-imidazopyridine (1-deazaguanine) and related compds.

AU Markees, D. G.; Kidder, G. W.

IT 5371-70-0 6309-00-8 18960-98-0 18986-18-0 19872-93-6 37436-96-7
53389-01-8 53995-23-6 53995-29-2 63708-78-1 90008-51-8 98021-93-3
98276-29-0 98276-83-6 98335-33-2 98961-25-2 98961-72-9 99168-56-6
99168-78-2 99983-95-6 99987-84-5 99987-99-2 100318-92-1 100377-55-7
100379-46-2 100379-58-6 100451-55-6 108372-94-7 108994-52-1 118801-85-7
120175-97-5 131732-03-1

=> fil reg; d acc 108372-94-7; fil CAOLD

FILE 'REGISTRY' ENTERED AT 09:04:24 ON 16 JUN 2003

ANSWER 1 REGISTRY COPYRIGHT 2003 ACS

RN 108372-94-7 REGISTRY

CN 2,6-Pyridinedicarboxylic acid, 4-methoxy-, dihydrazide (6CI) (CA INDEX NAME)

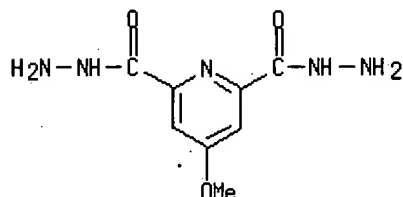
FS 3D CONCORD

MF C8 H11 N5 O3

SR CAOLD

LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1957 TO DATE)

1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'CAOLD' ENTERED AT 09:04:25 ON 16 JUN 2003

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

794.13

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